

To: Eliza Cox Nutter McClennen & Fish LLP 1471 Iyannough Road P.O. Box 1630 Hyannis, MA 02601 Date: April 23, 2019

Memorandum

Project #: 81787.19

From: Patrick Dunford, P.E. Senior Project Manager Re: Traffic Evaluation

Adventure Park at Heritage Museums and Gardens

Sandwich, Massachusetts

Vanasse Hangen Brustlin, Inc. (VHB) is providing the following summary of transportation-engineering work conducted to date for the Adventure Park at Heritage Museums and Gardens facility in Sandwich, Massachusetts (the "Site"). Specifically, VHB previously had conducted traffic counts at both facilities in August 2015, early September 2016, and August 2017. No traffic data collection was conducted for the 2018 season by VHB.

Following a 2018 Barnstable Superior Court ruling, the Adventure Park ceased operation on August 31, 2018, but is now seeking a Special Permit to allow the facility to reopen. Prior to the most recent (August 2017) data collection, ongoing construction at both the Adventure Park (the "Project") and Heritage Museums and Gardens ("Heritage") was completed. With that construction, the access and parking for both uses was modified. This current study evaluates the general Site operation that was observed in 2017 following those improvements. Traffic counts conducted on Friday, August 11, 2017 at the Project Site driveways and Heritage driveways (as well as select nearby intersections) previously were reviewed and have been revisited as part of this current evaluation. Customer transaction data provided by the Heritage management for the Adventure Park at Heritage Museums and Gardens ("Adventure Park") also was evaluated. The following memorandum summarizes our findings.

Summary of Conclusions

Based on traffic counts and three-year study of the area surrounding the Adventure Park, VHB conclude that there were minimal delays for motorists and that the Adventure Park component of the street traffic did not create any measurable significant impact on traffic operations in this area.

VHB's most recent 2017 traffic data collection revealed that traffic volumes on the roadways near Adventure Park remained relatively stable compared to the prior counts in 2015 and 2016. With 2017 changes to the access and parking lots serving Heritage and Adventure Park, there were notable changes to the observed parking lot volumes to the north and south of Shawme Road. These likely are a function of the increased parking capacity for the parking lots closest to Heritage. In 2017, the volume observed at the Overflow/Adventure Park parking lot decreased by 321 daily trips, while the volume at the lots closest to Heritage increased. This reallocation of volumes suggests that a substantial portion of the volume previously observed at that lot in 2015 and 2016 may have been associated with Heritage overflow parking, and not the Adventure Park.

Observations by VHB previously had identified a trend of visitors parking in the Overflow/Adventure Park lot and walking to the Heritage site. In 2017 VHB observed that 27 of the 37 vehicles entering the Overflow/Adventure Park lot (73-percent) during the peak hour of that lot originated from the exit-only driveway from the Oak and Birch lots. Based on these factors, a portion of the Overflow/Adventure Park lot use still likely was associated with the nearby Heritage use, and not the Adventure Park itself.

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VHB also studied vehicle speeds over the three-year period and found that speeds remained consistent during this time period, with the "85-percentile" speeds on Pine Street and Grove Street not exceeding 30 miles per hour in 2017.

Even if all the 53 peak-hour trips observed at the Overflow/Adventure Park lot driveway was associated solely with Adventure Park, that level of activity translates into <u>less than one vehicle per minute</u> traveling on the primary roadways used to travel to and from this site. Capacity analysis conducted in prior studies revealed that the representative unsignalized intersections studied along these roadways currently operate at "LOS A" conditions. This indicates that there were minimal delays for motorists and that the Adventure Park component of the street traffic has not created any measurable significant impact on traffic operations in this area. Even if the volumes on Pine Street, Grove Street, and/or Shawme Road increased to three times the 2017 observed level these intersections still would function at LOS A. As no such significant increases in street traffic are anticipated, these intersections should continue to operate acceptably from a capacity perspective for the foreseeable future.

Existing Conditions

A site location map is provided in Figure 1 for refence. At the time of the 2015 initial development of the Project, there were three parking lots serving Heritage and the Adventure Park. However, during the time of the 2016 data collection a roughly 51-space lot to the southeast of Heritage was closed for construction. That construction was completed prior to the August 2017 counting program, and the following reconfigured three lots served the Heritage and Adventure Park facilities as of September 2017:

- "Elm Lot" The northernmost lot is located between Grove Street and the main Heritage building. This paved parking lot now contains 45 striped parking spaces. With its prior configuration, approximately 65 spaces were provided, but internal site modifications involving roundabout construction reduced this supply. Access to and from this lot is provided by the internal roundabout located just east of a full access driveway which functions as the easterly leg of the adjacent Pine Street/Grove Street/Pocasset Street intersection. As of September 2017, the former driveway at the northerly end of this lot on Grove Street was no longer in operation and a chain was strung across this curb cut.
- "Oak Lot"/"Birch Lot" A recently constructed parking lot with a total striped parking capacity of 125 vehicles is located south of the Elm Lot and north of and adjacent to Shawme Road. This lot replaced and expanded the former dirt parking lot in this area, which had an estimated capacity of approximately 51 vehicles. Access and egress to this lot are provided from the same internal roundabout intersection noted above, and by a new exit-only Shawme Road driveway located opposite a new driveway to Adventure Park, as discussed below. Signs are posted identifying the parking lot to the north of this driveway as the "Oak Lot" (with 59 spaces) while the southernmost "Birch Lot" area contains 66 parking spaces.
- "Overflow Parking / Adventure Park" lot The southernmost parking lot servicing the Adventure Park and Heritage contains between 215 and 225 parking spaces in a grassed open area north of and adjacent to the Adventure Park customer service area. During August 2017 field visits by VHB, there was some striping delineating individual parking spaces, but those markings were mostly faded. As noted earlier, the access and egress to this parking area also was reconfigured as part of the recent Heritage and Project Site improvements. With those changes, an enter-only driveway is provided on Shawme Road opposite the Heritage exit-only driveway noted above. A non-standard graphic "Do Not Enter" sign is posted facing Adventure Park traffic that might wish to exit the site via that driveway, and smaller directional "exit" signs are

posted within the parking area pointing towards the southerly Pocasset Street driveway. That driveway configuration and location has remained unchanged, with it being approximately 875 feet to the south of the Pine Street/Grove Street/Pocasset Street intersection.

Traffic Data Collection

As part of the August 2017 traffic data collection, VHB conducted automatic traffic recorder (ATR) counts on Pine Street and Grove Street to the south of Jonathan Lane, and on Shawme Road to the northwest of Highview Drive. These counts were conducted on Friday, August 11, 2017 to coincide with one of the regular "Family Fun Friday" promotion events held at Heritage.

Study Area Roadway Volumes

The most recent roadway counts were conducted under VHB's direction for a continuous 24-hour period on Friday, August 11, 2017. These currently observed traffic volumes are summarized in Table 1 and compared to the volumes observed during the prior traffic data collection by VHB on these same roadways.

Table 1 Study Area Roadways Observed Traffic Volume Summary – 2015 to 2017

	Fri	day Aug	ust 28, 2	.015¹	Frid	ay Septe	mber 2,	2016²	Fri	day Aug	ust 11, 2	017³
			Peak Ho	ur			Peak Ho	ur			Peak Ho	ur
	<u>Daily⁴</u>	<u>Vol.⁵</u>	<u>"K"⁶</u>	Dir. <u>Dist.⁷</u>	<u>Daily</u>	<u>Vol.</u>	<u>"K"</u>	Dir. <u>Dist.</u>	<u>Daily</u>	<u>Vol.</u>	<u>"K"</u>	Dir. <u>Dist.</u>
Grove Street:												
NB	381	64			289	23			250	11		
<u>SB</u>	<u>406</u>	<u> 38</u>			<u>339</u>	<u>76</u>			<u>361</u>	<u>93</u>		
Total	787	102	13.0	63% NB	628	99	15.8%	77% SB	611	104	17.0%	89% SB
<u>Pine Street:</u> NB	456	51			507	66			531	25		
<u>SB</u>	425	<u>65</u>			460	<u>46</u>			416	64		
Total	881	116	13.2	56% SB	967	112	11.6%	59% NB	947	89	9.4%	72% NB
Shawme Road:												
NB	132	15			144	18			131	26		
<u>SB</u>	<u>125</u>	<u>14</u>			<u>140</u>	<u>23</u>			<u>139</u>	<u>11</u>		
Total	257	29	11.3	52% NB	284	41	14.4%	56% SB	270	37	13.7%	70% NB

- 1 Automatic Traffic Recorder (ATR) counts conducted on August 28, 2015.
- 2 ATR counts conducted on Friday September 2, 2016.
- 3 ATR counts conducted on Friday August 11, 2017.
- 4 Daily traffic expressed in vehicles per day.
- 5 Peak hour volumes expressed in vehicles per hour.
- 6 "K" factor; percent of daily traffic, which occurs during the peak hour.
- 7 Directional distribution of traffic during peak hour.

As shown in Table 1, the observed study area roadway volumes have remained relatively stable over the three years during which VHB had conducted traffic counts while the Adventure Park was open. The 2017 observed <u>combined</u> volumes of Grove Street and Pine Street actually decreased by two-percent and seven-percent as compared to the respective 2016 and 2015 volumes on these roadways. Likewise, the observed Shawme Road volumes did not vary significantly with the 2017 volumes falling within fourteen vehicles per day of the prior counts. As shown in Figure 2, the 2017 counts showed that volumes gradually increased to a midday peak, and then decreased over the course of the afternoon. This pattern is similar to that previously observed on these roadways during the 2015 and 2016 counts.

Observed Travel Speeds

VHB also conducted observations of travel speeds on Pine Street and Grove Street from 2015 through 2017. The speed measurements were collected in the same manner for each study, which did not allow for measurements of Shawme Road speeds. This was due to the physical condition of the road which required the underlying counting to be done using a video-based system that does not record speeds. The results of the speed measurements for Pine Street and Grove Street are summarized Table 2.

Table 2 Observed Travel Speeds – 2015 to 2017

<u>Pine Street:</u>	Friday August 28, 2015 ¹	Friday, September 2, 2016 ²	Friday, August 11, 2017 ³
Northbound	28 mph	27 mph	27 mph
Southbound	31 mph	29 mph	28 mph
Grove Street:			
Northbound	27 mph	28 mph	27 mph
Southbound	30 mph	30 mph	30 mph

¹ Automatic Traffic Recorder (ATR) counts and speed measurements conducted on August 28, 2015.

The observed travel speeds listed in Table 2 are the observed "85th percentile" speeds. These represent the speeds which were only exceeded 15 percent of the time during the observation period, and this same standard is used by the Massachusetts Department of Transportation to establish speed limits. Based on the observations summarized in Table 2, the travel speeds along both roadways have remained relatively unchanged over the course of the three years that data was collected.

Observed Traffic Volumes - "Overflow Parking / Adventure Park" lot

VHB also conducted continuous counts on Friday, August 11, 2017 at the southernmost "Overflow Parking / Adventure Park" parking lot noted earlier. Table 3 provides a comparison of the observed 2017 driveway volumes to those counted by VHB in 2016.

² ATR counts and speed measurements conducted on Friday September 2, 2016.

³ ATR counts and speed measurements conducted on Friday August 11, 2017.

Table 3 Observed Traffic Volume Comparison – Southerly "Overflow Parking / Adventure Park" parking lot¹

	Frida	y August 11,	, 2017 ¹	Friday	/ September	2, 2016 ²	Differe	ence (2017 fr	om 2016)
		Peak Hou	r Volume³		Peak Hou	ır Volume		Peak Hou	ır Volume
		Driveway	Roadway		Driveway	Roadway		Driveway	Roadway
Driveway:	<u>Daily⁴</u>	Peak ⁵	Peak ⁶	<u>Daily</u>	Peak ⁷	Peak ⁸	<u>Daily</u>	<u>Peak</u>	<u>Peak</u>
Shawme Road:									
Enter	158	37	13	313	90	29	-155	-53	-16
<u>Exit</u>	<u>88</u>	<u>9</u>	<u>0</u>	<u>285</u>	<u>15</u>	<u>53</u>	<u>-197</u>	<u>-6</u>	<u>-53</u>
Total	246	46	13	598	105	82	-352	-59	-69
Pocasset Street:									
Enter	29	0	4	35	4	3	-6	-4	1
<u>Exit</u>	<u>100</u>	<u>7</u>	<u>9</u>	<u>63</u>	<u>13</u>	<u>4</u>	<u>37</u>	<u>-6</u>	<u>5</u>
Total	129	7	13	98	17	7	31	-10	6
Total:									
Enter	187	37	17	348	94	32	-161	-57	-15
<u>Exit</u>	<u>188</u>	<u>16</u>	<u>9</u>	<u>348</u>	<u> 28</u>	<u>57</u>	<u>-160</u>	<u>-12</u>	<u>-48</u>
Total	375	53	26	696	122	89	-321	-69	-63

¹ Automatic Traffic Recorder (ATR) counts conducted by VHB on August 11, 2017.

As shown in Table 3, both the daily and (driveway) peak-hour volumes at the Overflow Parking/Adventure Park parking lot decreased by almost sixty-percent from 2016 to 2017. Potential factors contributing to this change are discussed later in this document. The counts also revealed that a regular portion of the parking lot traffic used the Shawme Road driveway to exit the Site, even though there is a single (non-standard) graphic "Do Not Enter" sign facing these visitors. The observed traffic volumes at these driveways over the course of the entire day studied are shown graphically in Figure 3.

² ATR counts conducted by VHB on Friday, September 2, 2016.

³ Peak hour volumes expressed in vehicles per hour.

⁴ Daily traffic expressed in vehicles per day.

⁵ Peak hour of Adventure Park driveways observed to have occurred between 11:00 AM and 12:00 PM (based on ATR counts conducted by VHB on August 11, 2017).

Wolume of Adventure Park driveways during peak hour of roadway network occurring from 10:00 AM to 11:00 AM (based on ATR counts conducted by VHB on August 11, 2017).

Peak hour of Adventure Park driveways observed to have occurred between 10:30 AM and 11:30 AM (based on ATR counts conducted by VHB on September 2, 2016).

Volume of Adventure Park driveways during peak hour of roadway network occurring from 12:30 PM to 1:30 PM (based on ATR counts conducted by VHB on September 2, 2016).

Observed Traffic Volumes - Northerly Elm/Oak/Birch Parking Lots

In conjunction with the 2017 counts noted above, VHB counted both the primary full-access driveway serving the main Heritage parking lots and the exit-only driveway from the southerly, "Oak/Birch" lot portion of that site on Friday, August 11, 2017. Table 4 provides a comparison of the currently observed 2017 driveway volumes to those counted by VHB at the parking lots to the north of Shawme Road in 2016.

Table 4 Observed Traffic Volume Comparison – Northerly Elm/Oak/Birch Parking Lots¹

	Frida	y August 11,	, 2017 ¹	Friday	/ September	2, 2016 ²	Differe	ence (2017 fr	om 2016)
		Peak Hou	r Volume³		Peak Hou	ır Volume		Peak Hou	ır Volume
		Driveway	Roadway		Driveway	Roadway		Driveway	Roadway
<u>Driveway:</u>	<u>Daily⁴</u>	Peak ⁵	Peak ⁶	<u>Daily</u>	Peak ⁷	Peak ⁸	<u>Daily</u>	<u>Peak</u>	<u>Peak</u>
Grove Street:									
Enter	389	143	143	180	46	25	209	97	118
<u>Exit</u>	<u>253</u>	<u>5</u>	<u>5</u>	<u>180</u>	<u>4</u>	<u>25</u>	_73	<u>_1</u>	<u>-20</u>
Total	642	148	148	360	50	50	282	98	98
Shawme Road:									
Enter	25	0	0	N/A	N/A	N/A	389	143	143
<u>Exit</u>	<u>159</u>	<u>7</u>	<u>7</u>	N/A	N/A	N/A	<u>253</u>	<u>_5</u>	_5
Total	184	7	7	N/A	N/A	N/A	642	148	148
Total:									
Enter	414	143	143	180	46	25	234	97	118
<u>Exit</u>	<u>412</u>	<u>12</u>	<u>12</u>	<u>180</u>	<u>4</u>	<u>25</u>	<u>232</u>	_8	<u>-13</u>
Total	826	155	155	360	50	50	466	105	105

N/A Shawme Road and (former) Pine Street driveways not in operation at time of 2016 counts due to construction.

- 1 Automatic Traffic Recorder (ATR) counts conducted by VHB on August 11, 2017.
- 2 ATR counts conducted by VHB on Friday, September 2, 2016.
- 3 Peak hour volumes expressed in vehicles per hour.
- 4 Daily traffic expressed in vehicles per day.
- 5 Peak hour of Heritage driveways observed to have occurred between 10:00 AM and 11:00 AM (based on ATR counts conducted by VHB on August 11, 2017).
- 6 Volume of Heritage driveways during peak hour of roadway network occurring from 10:00 AM to 11:00 AM (based on ATR counts conducted by VHB on August 11, 2017).
- 7 Peak hour of Heritage driveways observed to have occurred between 8:45 AM and 9:45 AM (based on ATR counts conducted by VHB on September 2, 2016).
- 8 Volume of Heritage driveways during peak hour of roadway network occurring from 12:30 PM to 1:30 PM (based on ATR counts conducted by VHB on September 2, 2016).

As shown in Table 4, both the 2017 daily and (driveway) peak-hour volumes at the Elm/Oak/Birch parking lots were two to three times higher than that counted by VHB in 2016 at the former driveways to the north of Shawme Road. Potential factors contributing to this change are discussed later in this document. Similar to the Overflow Parking/Adventure Park lot enter-only driveway, some visitors were observed to use the Shawme Road driveway to enter the Elm/Oak/Birch parking lot even though a single graphic "Do Not Enter" sign is posted facing the street. The observed parking lot traffic volumes over the course of the entire 2017 day studied are shown graphically in Figure 4.

2016 to 2017 - Overflow/Adventure Park and Elm/Oak/Birch Lots Volume Comparison

For comparison purposes, the changes in the observed traffic volumes at both the Overflow Parking/Adventure Park and Elm/Oak/Birch parking lots are shown in Figure 5.

Parking Activity

The counting program for this evaluation involved the volume of cars entering and exiting each of the driveways for the Overflow Parking/Adventure Park and Elm/Oak/Birch lots being counted. With both lots being closed overnight, the number of parked cars within these lots reasonably can be determined by comparing the starting empty lots to the volume of entering and exiting cars throughout the day. The results number of parked cars within these lots is summarized in Table 5.

Table 5 Typical 2017 Parking Occupancy¹

	Overflow / Ad	venture Park lot	Elm / Oak	/ Birch lots
	Parked vehicles	Percent Occupied	Parked vehicles	Percent Occupied
7 AM	10	5%	0	0%
8 AM	29	13%	10	6%
9 AM	35	16%	33	19%
10 AM	43	20%	164	96%
11 AM	64	30%	183	108%
12 PM	69	32%	140	82%
1 PM	55	26%	114	67%
2 PM	48	22%	88	52%
3 PM	41	19%	63	37%
4 PM	42	20%	22	13%
5 PM	35	16%	6	4%
6 PM	28	13%	4	2%
7 PM	5	2%	2	1%
Total Supply:	215		170	

¹ Automatic Traffic Recorder (ATR) counts conducted on Friday August 11, 2017.

As shown in Table 5, the Overflow/Adventure Park lot to the south of Shawme Road was no more than 32 percent occupied on the day studied. However, the Elm/Oak/Birch lots were operating at or near capacity between 10 AM and 12 PM. While no exact figure exists, it is standard engineering practice to consider parking lots near 85 percent occupancy as being near their functional capacity. With that level of activity there would be few available spaces for drivers to the point where they would have to search for an inordinate amount of time or circulate excessively to find

available parking. In this instance, that also likely would result in Heritage patrons following the signs directing to the overflow parking available on the other side of Shawme Road at the Overflow Parking/Adventure Park lot.

Overflow Parking/Adventure Park Parking Lot Visitor Origin

The traffic counts for the ongoing studies were conducted using Video Collection Units. This system allows for traffic counting to occur through an automated video-based system, which also provides video records of the actual activity. VHB reviewed the video of Shawme Road's intersection with the Overflow Parking/Adventure Park and Elm/Oak/Birch parking lot driveways. Specifically, VHB observed conditions at this intersection for the 11:00 AM to 12:00 PM peak hour on Friday, August 11, 2017. The counts revealed that of the 37 vehicles entering the Overflow Parking/Adventure Park driveway, 27 vehicles (73-percent) were vehicles exiting the opposing Elm/Oak/Birch driveway and driving straight across Shawme Road into the Overflow Parking/Adventure Park parking lot. During this same time-period, VHB observed a regular pattern of pedestrians walking from that parking lot across the street into the Elm/Oak/Birch parking lot. Specifically, 17 groups of pedestrians were observed during this one-hour period. Several of the groups included adults with young children either walking or in strollers.

The activity discussed above is consistent with the previously observed pedestrian activity during the 2016 counts. At that time, VHB's also observed regular patterns of pedestrians walking to and from the southerly Shawme Road parking area. Based on those observations, it was concluded at that time that up to <a href="https://half.com/half.co

Adventure Park / Heritage Museum Transaction Data Review

As with the prior studies of this area, VHB reviewed updated customer transaction data provided by the Heritage and Adventure Park management. The 2017 records spanned from April 13, 2017 through September 14, 2017 and consisted of daily total of tickets sold for Heritage Museum and Adventure Park separately, and well as "combo" tickets allowing for admission to both facilities. Based on this information, the day of the most recent traffic counting (August 11, 2017) was the 13th busiest day of the year for Heritage within this timeframe, and the 10th busiest day for the 2017 season for the Adventure Park.

On the day of the 2017 traffic counts, there were 601 museum tickets purchased, with an additional 18 "combo" tickets sold. By comparison, there were 327 individual climbing spots sold for the Adventure Park (including the 18 visitors that purchased the combo tickets). VHB's 2016 study had concluded that a lack of direct correlation between the observed traffic activity and number of transactions suggested that some of the traffic at the southerly Shawme Road lot may have been associated with Heritage. While some shared parking activity within the Overflow Parking/Adventure Park lot still exists, it likely is reduced since 2016 as shown by the 2017 counts. With that change, there was more of a proportional relationship in 2017 between the observed traffic volumes and tickets sold. At the Elm/Oak/Birch parking lot driveways there were 826 daily vehicle trips observed, with 601 Heritage tickets being sold on that same day. By comparison, 375 total trips (entering and exiting) were observed at the Overflow Parking/Adventure Park compared to 327 climbing spots being sold on the same day. Based on both the transactional data and observed driveway volumes, Heritage was generating the majority of traffic visiting this area for these uses.

VHB also compared 2018 transaction data for Heritage and Adventure Park to data from the prior year. To provide for a direct comparison, transactions were compared from the start of each year through the August 31st date that Adventure Park closed in 2018. This comparison revealed that the Heritage transactions decreased by five-percent in 2018 compared to the prior year, while the Adventure Park experienced a 23-percent decrease in attendance. Accordingly, with no further changes to the parking facilities or the surrounding roadways, VHB observed traffic operations during an above-average day for Adventure Park attendance in August 2018 to be relatively unchanged compared to 2017. Based on these observations and a review of the transaction data, it reasonably can be concluded that the Adventure Park had the same minimal traffic impact to the surrounding area as was determined in 2017.

Capacity Analysis

In conjunction with the 2015 and 2016 traffic counting, VHB also had conducted capacity analyses to evaluate the quality of traffic flow. Specifically, intersection capacity analyses were conducted at three representative unsignalized intersections in the study area. The analysis results indicated that each of the following intersections was expected to operate with negligible delays and at "Level of Service" (LOS) A:

- Pine Street at Jonathan Lane
- Grove Street at Jonathan Lane
- Shawme Road at Highview Drive/ Shaker House Road

The most recent (2017) daily counts on Pine Street, Grove Street, and Shawme Road all decreased compared to the 2016 traffic counts. Jonathan Lane, Highview Drive, and Shaker House Road are low-volume, residential roadways whose volumes are likely predominantly associated with the number of residents on each road. As such, these volumes should not vary significantly from day to day, or year to year, in the absence of any new residential construction. Accordingly, with the volumes on these streets not changing, and the Pine Street, Grove Street, and Shawme Road volumes having decreased, the same LOS A conditions reasonably were assumed to still be in place in 2017. With the ongoing pattern of the study area roadway volumes remaining stable, these same LOS A conditions likely would occur with the reopening of the Adventure Park, assuming the same general Site operation that previously was in place. LOS A conditions represent the best operating (lowest delay) conditions which can occur. Even if the volumes on Pine Street, Grove Street, and Shawme Road were to be three times higher than their current level, each of these intersections still would operate at LOS A during the critical Friday peak hour. As volumes on these roads have remained stable and additional development on the intersecting side-streets is unlikely, LOS A conditions can be expected to continue for the foreseeable future.

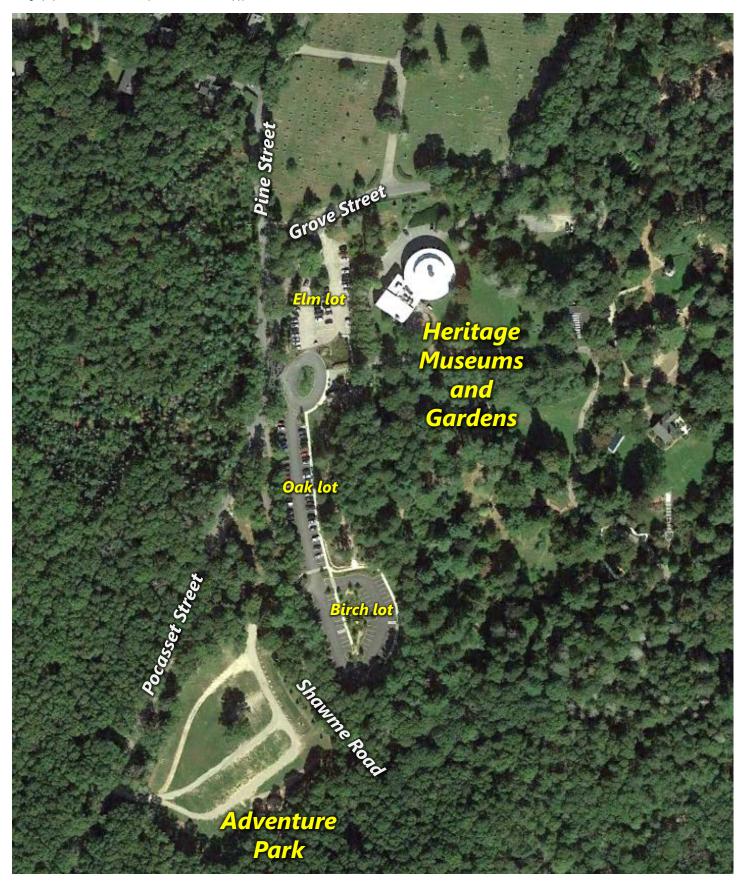
Conclusion

VHB's most recent 2017 traffic data collection revealed that traffic volumes on the roadways near Adventure Park remained relatively stable compared to the prior counts in 2015 and 2016. With 2017 changes to the access and parking lots serving Heritage and Adventure Park, there were notable changes to the observed parking lot volumes to the north and south of Shawme Road. These likely are a function of the increased parking capacity for the parking lots closest to Heritage. At the time of the 2016 counts, there were only 65 parking spaces in the lot immediately adjacent to Heritage, with a secondary 51-space dirt parking lot being closed due to construction. With the completion of that work, there are a total of 170 parking spaces to the north of Shawme Road in the Elm, Oak, and Birch lots. With the

increased parking capacity immediately adjacent to Heritage, the 2017 volume entering and exiting those lots <u>increased</u> by 466 daily trips compared to the 2016 counts. Likewise, the volume observed at the Overflow/Adventure Park lot <u>decreased</u> by 321 daily trips. This reallocation of volumes suggests that a substantial portion of the volume previously observed at that lot may have been associated with Heritage overflow parking, and not the Adventure Park by itself.

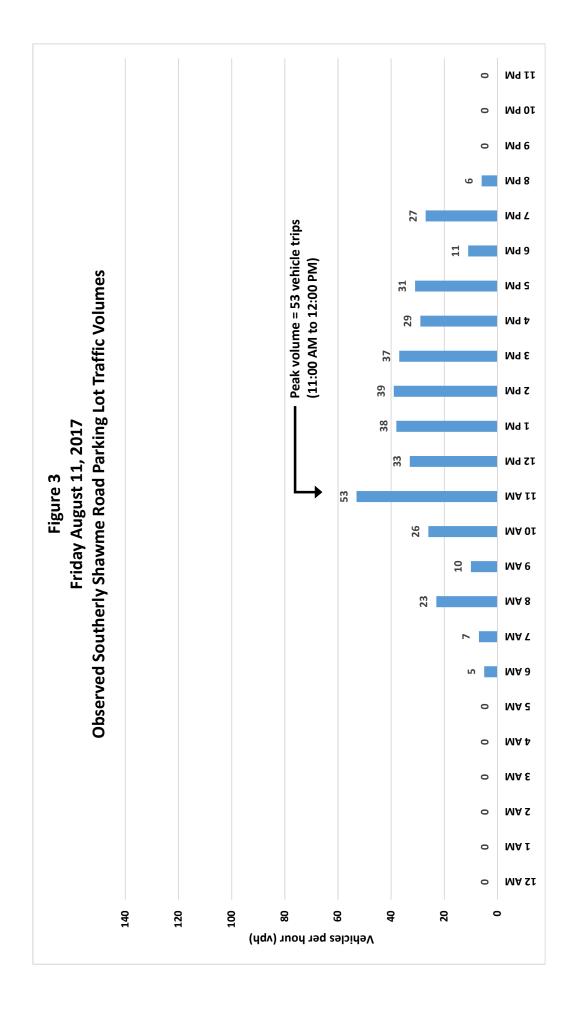
During the peak hour of the Overflow/Adventure Park lot VHB's 2017 counts revealed that 27 of the 37 vehicles entering that lot (73-percent) originated from the exit-only driveway from the Oak and Birch lots. Based on these factors, a notable portion of the Overflow/Adventure Park lot still likely was associated with the nearby Heritage use, and not the Adventure Park.

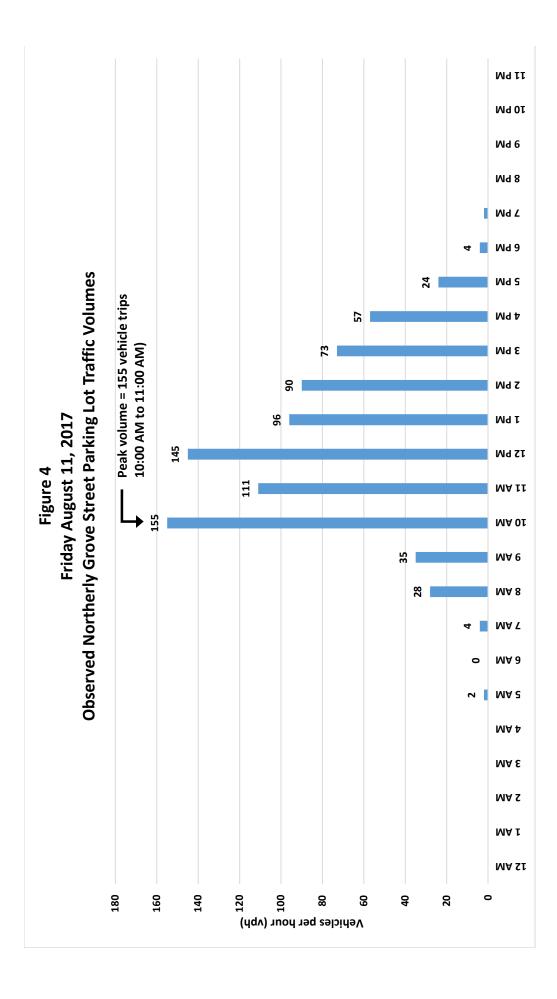
Even if all the 53 peak-hour trips observed at the Overflow/Adventure Park lot driveway were associated solely with Adventure Park, that level of activity translates into less than one vehicle per minute traveling on the primary roadways used to travel to and from this site. Capacity analysis conducted in prior studies revealed that the representative unsignalized intersections studied along these roadways currently operate at "LOS A" conditions. This indicates that there were minimal delays for motorists and that the Adventure Park component of the street traffic has not created any measurable significant impact on traffic operations in this area. Even if the volumes on Pine Street, Grove Street, and/or Shawme Road increased to three times the 2017 observed level (which is not anticipated) these intersections still would function at LOS A. As no such significant increases in street traffic are anticipated, these intersections should continue to operate acceptably from a capacity perspective for the foreseeable future.

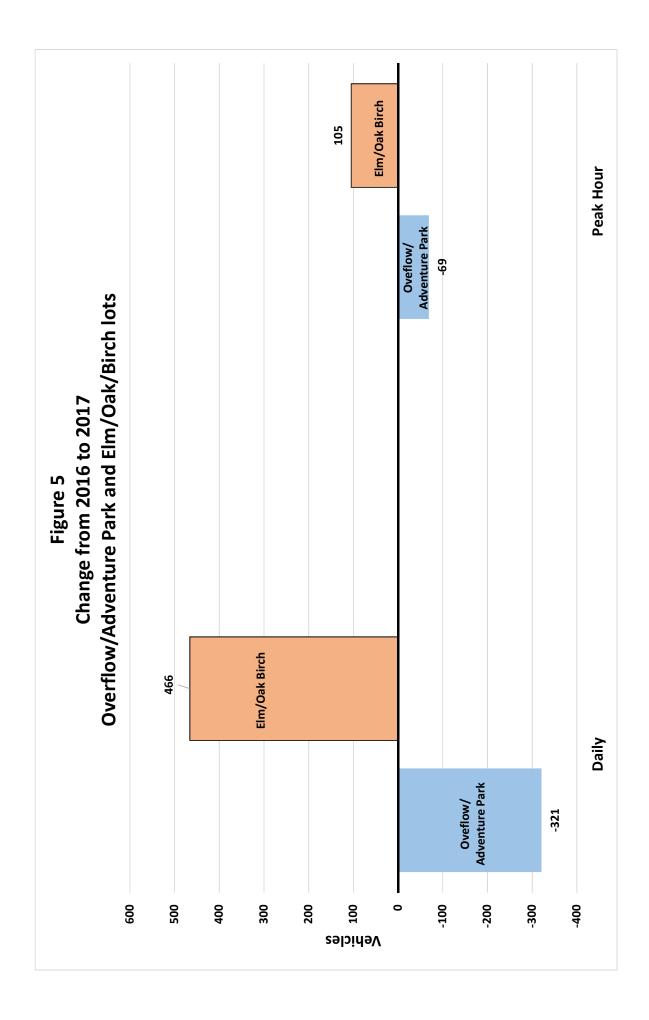












APPENDIX

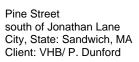
- > 2017 Appendix Material
- > 2016 Appendix Material
- > 2015 Appendix Material

2017 APPENDIX

- > Automatic Traffic Recorder Counts
- Parking Lot Occupancy

> Automatic Traffic Recorder Counts

o Pine Street





46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 A Volume Site Code: 13279

Start		NB				SB				Combin	า		08/11/17	
Time	A.M.		P.M.		A.M.	02	P.M.		A.M.	ed	P.M.		Fri	
12:00	0		11		0		7		0		18			
12:15	0		17		0		10		0		27			
12:30	0		21		0		5		0		26			
		4		70		^	44	22		4		400		
12:45	1	1	21	70	0	0	11	33	1	1	32	103		
01:00	1		15		1		9		2		24			
01:15	1		13		0		10		1		23			
01:30	0		22		0		5		0		27			
01:45	0	2	14	64	0	1	6	30	0	3	20	94		
02:00	0		12		0		7		0		19			
02:15	0		19		0		9		0		28			
02:30	0		10		0		8		0		18			
02:45	0	0	10	51	0	0	4	28	0	0	14	79		
03:00	0		22		0		8		0		30			
03:15	0		10		0		6		0		16			
03:30	0		11		0		10		0		21			
03:45	0	0	14	57	0	0	9	33	0	0	23	90		
04:00	0	U	11	31	0	U		33	0	U	19	90		
							8							
04:15	0		16		0		11		0		27			
04:30	0	•	15		0		7		0	_	22			
04:45	0	0	8	50	0	0	6	32	0	0	14	82		
05:00	1		10		2		6		3		16			
05:15	1		12		0		3		1		15			
05:30	0		6		0		3		0		9			
05:45	0	2	5	33	0	2	7	19	0	4	12	52		
06:00	2		6		1		3		3		9			
06:15	2		6		1		3		3		9			
06:30	2		9		0		10		2		19			
06:45	0	6	5	26	2	4	2	18	2	10	7	44		
07:00	2	U	4	20	1	-	2	10	3	10	6	77		
					1				5					
07:15	4		9				1				10			
07:30	5	4.4	9	00	5	4.4	5		10	0.5	14	00		
07:45	3	14	6	28	4	11	3	11	7	25	9	39		
08:00	3		3		5		4		8		7			
08:15	4		2		6		1		10		3			
08:30	5		5		9		6		14		11			
08:45	7	19	1	11	19	39	2	13	26	58	3	24		
09:00	12		0		10		2		22		2			
09:15	5		2		5		1		10		3			
09:30	8		3		7		1		15		4			
09:45	2	27	0	5	12	34	2	6	14	61	2	11		
10:00	6	• •	Ö	-	15		1	-	21		1			
10:15	5		1		16		1		21		2			
10:30	8		Ö		15		0		23		0			
10:30	6	25	1	2	18	64	3	5	24	89	4	7		
		20	•	_		04	_	J		O9		,		
11:00	12		0		14		0		26		0			
11:15	10		0		6		0		16		0			
11:30	5	0	0	_	6		0		11		0	_		
11:45	11	38	0	0	6	32	1	1	17	70	1	1		
Total	134		397		187		229		321		626			
Percent	41.7%	(63.4%		58.3%		36.6%							
Day Total		531				416				947	•			
Peak	44.00		00:45		10.00		00.00		40.45		00.45			
reak	11:00	-	00:15	-	10:00	-	03:30	-	10:15	-	00:15	-	-	
. ouit	~ ~													
Vol. P.H.F.	38 0.792	-	74 0.881	-	64 0.889	-	38 0.864	-	94 0.904	=	109 0.852	-	-	



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 A Class Site Code: 13279

ND							08-875-0100 F ail: datarequest	ax: 508-875-011 ax: 508-875-011	8				Site Cod	e: 13279
NB Ctt		O 0	0 4.4-		0 4.4-				_ ^ ^l_	C AI		C AI-		
Start	Dileas	Cars &	2 Axle	D	2 Axle 6 Tire	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl Double	<6 Axl	6 Axle	>6 Axl	Tatal
Time 08/11/1	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	<u>Total</u>
	0	4	0	0	0	0	0	0	0	0	0	0	0	
7 01:00	0	1 2	0	0	0	0 0	0	0	0	0	0	0	0	1
	_		0	0	0	-	_	_	_	_	-	_	0	2
02:00	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
03:00 04:00	0	-	•	•	•	•	-	•	•	0	0	-	0	-
04:00	0	0	0	0 0	0	0 0	0	0	0	0	0	0	0	0
	-	1	1	-	_	-	-	0	-	0	-	0	-	2
06:00 07:00	0	6 7	0 6	0 0	0	0 0	0	0	0	0	0	0	0 0	6 14
	_	12	7	0	0	0	0	0	_	_	0	_	0	19
08:00 09:00	0	14	12	0	0	0	0	0	0	0	0	0	0	27
10:00	0	17	3	1	3	0	0	1	0	0	0	0	0	27 25
11:00	1	23	3 14	0	0	0	0	0	0	0	0	0	0	38
12 PM	2	23 55	9	1	3	0	0	0	0	0	0	0	0	70
13:00	0	48	16	0	0	0	0	0	0	0	0	0	0	64
14:00	0	40	9	2	0	0	0	0	0	0	0	0	0	51
15:00	0	48	9	0	0	0	0	0	0	0	0	0	0	57
16:00	1	40	9	0	0	0	0	0	0	0	0	0	0	50
17:00	0	25	6	0	2	0	0	0	0	0	0	0	0	33
18:00	1	19	5	0	1	0	0	0	0	0	0	0	0	26
19:00	0	26	1	0	1	0	0	0	0	0	0	0	0	28
20:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
21:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	397	112	4	11	0	0	1	0	0	0	0	0	531
Percent	1.1%	74.8%	21.1%	0.8%	2.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM														
Peak	09:00	11:00	11:00	10:00	10:00			10:00						11:00
Vol.	1	23	14	1	3			1						38
PM	40.00			44.00									-	
Peak	12:00	12:00	13:00	14:00	12:00									12:00
Vol.	2	55	16	2	3									70



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 A Class Site Code: 13279

							08-875-0100 F ail: datarequest	ax: 508-875-011 s@ndillc.com	8				Site Coa	e: 13279
SB			0.4.1		0.4.1		· ·	<u> </u>		0.4.1	0.4.1	0.4.1	0.4.1	
Start	5	Cars &	2 Axle	_	2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 Axl	<6 AxI	6 Axle	>6 Axl	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/11/1	_	_	_	_	_	_	_	_	_	_	_	_	_	_
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
07:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
08:00	1	28	9	0	1	0	0	0	0	0	0	0	0	39
09:00	0	23	9	1	1	0	0	0	0	0	0	0	0	34
10:00	2	47	11	1	3	0	0	0	0	0	0	0	0	64
11:00	0	23	9	0	0	0	0	0	0	0	0	0	0	32
12 PM	0	27	4	1	1	0	0	0	0	0	0	0	0	33
13:00	0	18	10	0	2	0	0	0	0	0	0	0	0	30
14:00	0	13	14	1	0	0	0	0	0	0	0	0	0	28
15:00	0	25	8	0	0	0	0	0	0	0	0	0	0	33
16:00	0	25	7	0	0	0	0	0	0	0	0	0	0	32
17:00	0	13	4	0	2	0	0	0	0	0	0	0	0	19
18:00	0	11	5	0	2	0	0	0	0	0	0	0	0	18
19:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
20:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
21:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
22:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	4	294	99	4	15	0	0	0	0	0	0	0	0	416
Percent	1.0%	70.7%	23.8%	1.0%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	10:00	10:00	10:00	09:00	10:00									10:00
Peak	10.00	10.00	10.00	09.00	10.00									10.00
Vol.	2	47	11	1	3									64
PM		12:00	14:00	12:00	13:00									12:00
Peak			14.00	12.00	13.00									
Vol.		27	14	1	2									33



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 A Speed Site Code: 13279

ND							Office: 50 Ema)8-875-0100 il: datarequest	Fax: 508-875-0 :s@pdillc.com	118				5	nte Code	9: 13279
NB Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	45 49	50 54	59	64	69	9999	TOtal	% ile	Speed
08/11/	14	19					44	49	34		04	09	3333		/0 IIE	Speeu
17	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
01:00	0	0	Ó	2	0	0	0	0	0	0	0	0	0	2	28	27
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	1	0	0	0	0	0	0	0	Ö	Õ	2	27	25
06:00	0	0	2	3	1	0	0	0	0	0	0	0	0	6	29	26
07:00	0	1	3	9	1	0	0	0	0	0	0	0	0	14	28	26
08:00	2	2	6	7	2	0	0	0	0	0	0	0	0	19	28	23
09:00	0	3	15	8	1	0	0	0	0	0	0	0	0	27	27	23
10:00	4	6	11	4	0	0	0	0	0	0	0	0	0	25	24	19
11:00	2	9	16	9	2	0	0	0	0	0	0	0	0	38	26	22
12 PM	2	16	33	17	2	0	0	0	0	0	0	0	0	70	26	22
13:00	4	15	26	16	3	0	0	0	0	0	0	0	0	64	26	22
14:00	4	11	28	6	2	0	0	0	0	0	0	0	0	51	24	21
15:00	1	10	31	13	2	0	0	0	0	0	0	0	0	57	26	22
16:00	6	11	22	9	2	0	0	0	0	0	0	0	0	50	25	20
17:00	5	3	12	12	1	0	0	0	0	0	0	0	0	33	27	21
18:00	1	6	12	4	2	1	0	0	0	0	0	0	0	26	27	22
19:00	1	2	9	13	3	0	0	0	0	0	0	0	0	28	28	25
20:00	0	2	3	6	0	0	0	0	0	0	0	0	0	11	27	24
21:00	0	0	2	3	0	0	0	0	0	0	0	0	0	5	27	25
22:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	32	97	234	143	24	1	0	0	0	0	0	0	0	531		
%	6.0%	18.3%	44.1%	26.9%	4.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	10:00	11:00	11:00	07:00	08:00									11:00		
Peak	4	0	16	9	2									20		
Vol. PM	4	9	16	9										38		
Pivi Peak	16:00	12:00	12:00	12:00	13:00	18:00								12:00		
Vol.	6	16	33	17	3	1								70		
voi.	0	10	- 33	1/	<u> </u>									70		

Stats 15th Percentile: 16 MPH

50th Percentile: 21 MPH 85th Percentile: 27 MPH 95th Percentile: 28 MPH

 Mean Speed(Average):
 22 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 377

 Percent in Pace:
 71.0%

 Number of Vehicles > 25 MPH:
 139

 Percent of Vehicles > 25 MPH:
 26.3%



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 A Speed Site Code: 13279

SB							Office: 50 Ema	il: datarequest	-ax: 508-875-0 s@pdillc.com	118					nie Cou	e. 13279
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/11/															,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	18	17
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2	22	15
06:00	0	0	2	0	2	0	0	0	0	0	0	0	0	4	32	27
07:00	0	0	4	4	3	0	0	0	0	0	0	0	0	11	31	27
08:00	0	3	7	20	9	0	0	0	0	0	0	0	0	39	30	26
09:00	0	1	13	17	3	0	0	0	0	0	0	0	0	34	28	25
10:00	4	7	21	28	4	0	0	0	0	0	0	0	0	64	27	23
11:00	0	1	18	9	4	0	0	0	0	0	0	0	0	32	28	24
12 PM	0	3	16	13	1	0	0	0	0	0	0	0	0	33	27	24
13:00	1	6	10	8	3	2	0	0	0	0	0	0	0	30	29	24
14:00	0	1	13	8	5	1	0	0	0	0	0	0	0	28	30	26
15:00	1	1	13	17	1	0	0	0	0	0	0	0	0	33	27	24
16:00	1	2	14	12	3	0	0	0	0	0	0	0	0	32	28	24
17:00	3	1	5	8	2	0	0	0	0	0	0	0	0	19	28	23
18:00	1	0	9	4	3	1	0	0	0	0	0	0	0	18	31	25
19:00	0	1	5	5	0	0	0	0	0	0	0	0	0	11	27	24
20:00	1	2	3	6	1	0	0	0	0	0	0	0	0	13	28	23
21:00	0	0	1	3	2	0	0	0	0	0	0	0	0	6	31	28
22:00	0	1	1	2	1	0	0	0	0	0	0	0	0	5	30	25
23:00	0	0	0	1_	0	0	0	0	0	0	0	0	0	1_	28	27
Total	13	31	156	165	47	4	0	0	0	0	0	0	0	416		
%	3.1%	7.5%	37.5%	39.7%	11.3%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	10:00	10:00	10:00	10:00	08:00									10:00		
Peak																
Vol.	4	7	21	28	9									64		
PM	17:00	13:00	12:00	15:00	14:00	13:00								12:00		
Peak Vol.				17										33		
VOI.	3_	6	16	17	5	2								33		

Stats 15th Percentile: 19 MPH 50th Percentile: 24 MPH

50th Percentile: 24 MPH 85th Percentile: 28 MPH 95th Percentile: 32 MPH

 Mean Speed(Average):
 24 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 321

 Percent in Pace:
 77.2%

 per of Vehicles > 25 MPH:
 183

Number of Vehicles > 25 MPH: 183
Percent of Vehicles > 25 MPH: 44.0%

o Grove Street



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 B Volume Site Code: 13279

Start		SB				NB				Combi	n		08/11/17
Time	A.M.	0.2	P.M.		A.M.		P.M.		A.M.	ed	P.M.		Fri
12:00	0		11		0		11		0		22		ГП
12:15	0		9		0		5		0		14		
12:30	0		14		0		16		0		30		
12:45	0	0		42	1	4	0	40	1	1		82	
01:00	1	U	8	42	0	1	8	40	1	Ī	16 15	02	
			6		0		9		0				
01:15	0		5 7				10				15		
01:30	0	4		20	0	^	11	20	0		18	67	
01:45	0	1	11	29	0	0	8	38	0	1	19	67	
02:00	0		8		0		8		0		16		
02:15	0		10		0		9		0		19		
02:30	0	^	4	00	0	^	9	0.4	0	0	13	50	
02:45	0	0	6	28	0	0	5	31	0	0	11	59	
03:00	0		8		0		5		0		13		
03:15	0		5		0		6		0		11		
03:30	0		4		0		7		0		11		
03:45	0	0	3	20	0	0	3	21	0	0	6	41	
04:00	0		2		0		10		0		12		
04:15	0		6		0		6		0		12		
04:30	0		2		0		4		0		6		
04:45	0	0	2	12	0	0	5	25	0	0	7	37	
05:00	0		5		2		10		2		15		
05:15	0		5		2		5		2		10		
05:30	0		1		0		4		0		5		
05:45	1	1	0	11	1	5	3	22	2	6	3	33	
06:00	1		1		0	-	1		1	•	2		
06:15	0		0		0		1		0		1		
06:30	1		1		Ő		4		1		5		
06:45	0	2	1	3	Ö	0	Ö	6	0	2	1	9	
07:00	4	2	1	3	0	U	1	U	4	_	2	3	
07:00	1		Ó		0		2		1		2		
07:13	1		0		1		1						
		11		2		2		_	2 7	14	1	0	
07:45	5	11	2	3	2	3	1	5		14	3	8	
08:00	6		1		1		2		7		3		
08:15	4		1		0		1		4		2		
08:30	2		0	_	1	_	1		3		1	_	
08:45	11	23	0	2	4	6	0	4	15	29	0	6	
09:00	9		1		4		2		13		3		
09:15	4		0		3		0		7		0		
09:30	6		0		3		0		9		0		
09:45	10	29	0	1	1	11	0	2	11	40	0	3	
10:00	14		1		2		0		16		1		
10:15	28		0		3		0		31		0		
10:30	27		0		3		0		30		0		
10:45	24	93	1	2	3	11	0	0	27	104	1	2	
11:00	8		0		2		0		10		0		
11:15	15		0		2		0		17		0		
11:30	9		0		9		0		18		0		
11:45	15	47	1	1	5	18	1	1	20	65	2	2	
Total	207		154		55		195		262		349		
Percent	79.0%	4	44.1%		21.0%		55.9%				0.0		
Day Total		361				250				611	I		
Peak	10:00	_	12:00	_	11:00	_	00:30	_	10:00	_	12:00	_	_
Vol.	93	_	42	-	18	-	43	-	104	-	82	_	_
					0.500								
P.H.F.	0.830		0.750		0.500		0.672		0.839		0.683		



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 B Class Site Code: 13279

							08-875-0100 F ail: datarequest:	ax: 508-875-011 s@ndillc.com	8				Site Cod	e: 13279
SB			0.4.1		0.4.1					0.4.1	0.4.1	0.4.1	0.4.1	
Start	5	Cars &	2 Axle	_	2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 AxI	6 Axle	>6 Axl	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/11/1	_	_	_	_	_	_	_	_	_	_	_		_	_
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	2	0	0	0	0	0	0	0	0	2
07:00	0	6	1	0	3	0	0	1	0	0	0	0	0	11
08:00	0	16	6	0	1	0	0	0	0	0	0	0	0	23
09:00	3	17	9	0	0	0	0	0	0	0	0	0	0	29
10:00	0	77	15	0	1	0	0	0	0	0	0	0	0	93
11:00	0	34	11	0	2	0	0	0	0	0	0	0	0	47
12 PM	0	33	5	0	3	1	0	0	0	0	0	0	0	42
13:00	0	25	2	0	2	0	0	0	0	0	0	0	0	29
14:00	0	23	5	0	0	0	0	0	0	0	0	0	0	28
15:00	0	15	4	0	1	0	0	0	0	0	0	0	0	20
16:00	0	8	3	0	1	0	0	0	0	0	0	0	0	12
17:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
18:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
19:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
20:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1_
Total	3	272	65	0	19	1	0	1	0	0	0	0	0	361
Percent	0.8%	75.3%	18.0%	0.0%	5.3%	0.3%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	09:00	10:00	10:00		07:00			07.00						10.00
Peak	09.00	10:00	10.00		07:00			07:00						10:00
Vol.	3	77	15		3			1						93
PM		10.00	12.00		12.00	12.00								12.00
Peak		12:00	12:00		12:00	12:00								12:00
Vol.		33	5		3	1								42



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 B Class Site Code: 13279

							08-875-0100 F ail: datarequest:	ax: 508-875-011	8				Site Cod	e: 13279
NB														
Start		Cars &	2 Axle	_	2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 AxI	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/11/1														
7	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
08:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
09:00	1	8	2	0	0	0	0	0	0	0	0	0	0	11
10:00	0	6	5	0	0	0	0	0	0	0	0	0	0	11
11:00	0	15	2	0	1	0	0	0	0	0	0	0	0	18
12 PM	0	30	8	0	1	1	0	0	0	0	0	0	0	40
13:00	0	32	5	0	1	0	0	0	0	0	0	0	0	38
14:00	0	30	1	0	0	0	0	0	0	0	0	0	0	31
15:00	0	17	4	0	0	0	0	0	0	0	0	0	0	21
16:00	0	22	2	0	1	0	0	0	0	0	0	0	0	25
17:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
18:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
19:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
20:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1_
Total	1	204	37	0	7	1	0	0	0	0	0	0	0	250
Percent	0.4%	81.6%	14.8%	0.0%	2.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	09:00	11:00	10:00		05:00									11:00
Peak	09.00	11:00	10.00		05.00									11.00
Vol.	1	15	5		1									18
PM		13:00	12:00		12:00	12:00								12:00
Peak		13:00	12:00		12:00	12:00								12:00
Vol.		32	8		1	1								40



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 B Speed Site Code: 13279

SB							Office: 50 Ema	08-875-0100 iil: datarequest	rax: 508-875-0 :s@pdillc.com	118				3	one Cou	e. 13279
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/11/									<u> </u>		<u> </u>				70	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37
06:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
07:00	0	2	1	7	1	0	0	0	0	0	0	0	0	11	28	25
08:00	0	0	3	11	9	0	0	0	0	0	0	0	0	23	32	28
09:00	1	1	10	11	6	0	0	0	0	0	0	0	0	29	30	25
10:00	1	5	22	44	19	2	0	0	0	0	0	0	0	93	30	26
11:00	1	3	10	24	8	1	0	0	0	0	0	0	0	47	30	26
12 PM	0	3	17	16	5	1	0	0	0	0	0	0	0	42	28	25
13:00	1	5	14	8	0	1	0	0	0	0	0	0	0	29	26	23
14:00	0	4	7	13	4	0	0	0	0	0	0	0	0	28	28	25
15:00	0	3	5	10	2	0	0	0	0	0	0	0	0	20	28	25
16:00	0	0	3	6	2	1	0	0	0	0	0	0	0	12	31	27
17:00	0	1	6	2	2	0	0	0	0	0	0	0	0	11	29	24
18:00	0	0	0	3	0	0	0	0	0	0	0	0	0	3	28	27
19:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3	31	29
20:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
22:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1_	23	22
Total	4	27	101	159	63	7	0	0	0	0	0	0	0	361		
%	1.1%	7.5%	28.0%	44.0%	17.5%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
_ AM	09:00	10:00	10:00	10:00	10:00	10:00								10:00		
Peak																
Vol.	1_	5	22	44	19	2								93		
PM	13:00	13:00	12:00	12:00	12:00	12:00								12:00		
Peak																
Vol.	1_	5	17	16	5	1_								42		

Stats 15th Percentile: 20 MPH

50th Percentile: 25 MPH 85th Percentile: 30 MPH 95th Percentile: 33 MPH

 Mean Speed(Average):
 26 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 260

 Percent in Pace:
 72.0%

 Number of Vehicles > 25 MPH:
 197

 Percent of Vehicles > 25 MPH:
 54.6%



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com

175807 B Speed Site Code: 13279

NB	Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com														nto oou	J. 10270
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/11/																
17	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	2	1	2	0	0	0	0	0	0	0	0	5	32	27
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	21	19
08:00	0	0	4	2	0	0	0	0	0	0	0	0	0	6	26	24
09:00	0	1	6	3	1	0	0	0	0	0	0	0	0	11	27	24
10:00	2	0	4	4	1	0	0	0	0	0	0	0	0	11	28	22
11:00	1	2	9	4	2	0	0	0	0	0	0	0	0	18	28	23
12 PM	0	6	16	13	5	0	0	0	0	0	0	0	0	40	28	24
13:00	3	10	15	7	2	1	0	0	0	0	0	0	0	38	27	21
14:00	0	3	14	12	1	1	0	0	0	0	0	0	0	31	27	24
15:00	0	4	9	6	2	0	0	0	0	0	0	0	0	21	28	23
16:00	0	5	13	4	2	0	1	0	0	0	0	0	0	25	28	23
17:00	0	8	7	6	1	0	0	0	0	0	0	0	0	22	27	22
18:00	0	1	4	1	0	0	0	0	0	0	0	0	0	6	24	22
19:00	1	0	1	3	0	0	0	0	0	0	0	0	0	5	27	22
20:00	1	0	1	2	0	0	0	0	0	0	0	0	0	4	27	21
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	22	20
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	11	23	22
Total	8	43	109	68	19	2	1	0	0	0	0	0	0	250		
%	3.2%	17.2%	43.6%	27.2%	7.6%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	10:00	07:00	11:00	10:00	05:00									11:00		
Peak																
Vol.	2	2	9	4	2									18		
PM	13:00	13:00	12:00	12:00	12:00	13:00	16:00							12:00		
Peak																
Vol.	3	10	16	13	5	1_	1_							40		

Stats 15th Percentile: 17 MPH 22 MPH

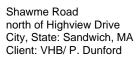
50th Percentile : 85th Percentile: 27 MPH 95th Percentile : 31 MPH

30.6%

Mean Speed(Average) : 10 MPH Pace Speed : 23 MPH 20-29 MPH Number in Pace : 177 Percent in Pace : 70.8% Number of Vehicles > 25 MPH: Percent of Vehicles > 25 MPH: 76

Page 2

o Shawme Road





46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 C Volume Site Code: 13279

Start		NB				SB				Combin	1		08/11/17
Time	A.M.		P.M.		A.M.	0.5	P.M.		A.M.	ed	P.M.		Fri
12:00	0		0		0		3	-	0		3		ГП
12:15	0		2		0		3		0		5		
12:30	0		2		0		3		0		5		
12:30	0	0	2	6	0	0	2	11	0	0	4	17	
01:00	0	0		O	1	U	5	11	1	U	5	17	
			0		0				0				
01:15	0		3 3				2				5 5		
01:30	0	0		0	0	4	2 2	11	0	4	5	20	
01:45	0	0	3	9	0	1		11	0	1		20	
02:00	0		1		0		3		0		4		
02:15	0		2		0		3		0		5		
02:30	0	0	0	4	0	0	4	4.4	0	^	4	40	
02:45	0	0	1	4	0	0	4	14	0	0	5	18	
03:00	0		2		0		5		0		7		
03:15	0		4		0		6		0		10		
03:30	0		3		0		9		0		12		
03:45	0	0	3	12	0	0	3	23	0	0	6	35	
04:00	0		0		0		4		0		4		
04:15	0		3		0		6		0		9		
04:30	0		1		0		4		0		5		
04:45	0	0	2	6	0	0	6	20	0	0	8	26	
05:00	0		3		0		5		0		8		
05:15	1		2		0		6		1		8		
05:30	0		1		0		2		0		3		
05:45	0	1	0	6	0	0	2	15	0	1	2	21	
06:00	0		Ō		0	-	1		0		1		
06:15	1		2		0		0		1		2		
06:30	Ö		0		Ő		3		Ö		3		
06:45	1	2	Ő	2	Ö	0	1	5	1	2	1	7	
07:00	Ö	_	1	_	0	U	1	3	Ö	_	2	,	
07:00	1		0		0		2		1		2		
07:13	4		0		0		1		4		1		
07.30 07:45		9	1	2	1	1	2	6	5	10	3	0	
	4	9	1	2		,		U		10		8	
08:00	2		1		0		3		2		4 1		
08:15	7				6		0		13				
08:30	3	04	0	•	1	0	0	•	4	00	0	•	
08:45	9	21	1	3	2	9	0	3	11	30	1	6	
09:00	9		0		4		0		13		0		
09:15	5		0		4		0		9		0		
09:30	1		1		0	_	0		1		1	_	
09:45	2	17	0	1	1	9	1	1	3	26	1	2	
10:00	8		0		2		1		10		1		
10:15	1		0		0		0		1		0		
10:30	7		0		0		1		7		1		
10:45	3	19	0	0	1	3	0	2	4	22	0	2	
11:00	1		0		0		0		1		0		
11:15	4		0		1		0		5		0		
11:30	2		0		2		0		4		0		
11:45	4	11	0	0	2	5	0	0	6	16	0	0	
Total	80		51		28		111		108		162		
Percent	74.1%	3	31.5%	:	25.9%	6	88.5%						
Day Total		131				139				270			
Peak	08:15	- (03:00	-	08:15	-	02:45	_	08:15	_	03:00	_	<u>-</u>
Vol.	28	-	12	-	13	-	24	-	41	-	35	-	-
P.H.F.	0.778		0.750		0.542		0.667		0.788		0.729		
	570		200		5.5 12		2.001		3.7.50		5 20		



Shawme Road north of Highview Drive City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 C Class Site Code: 13279

NB						Ema	il: datarequests	9pdillc.com	i				Site Cou	E. 13219
Start	-	Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1			,											
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
08:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
09:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17
10:00	19	0	0	0	0	0	0	0	0	0	0	0	0	19
11:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
12 PM	6	0	0	0	0	0	0	0	0	0	0	0	0	6
13:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
14:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
15:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
16:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
17:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00 20:00	2	0 0	0	0 0	0 0	0 0	0	0	0 0	0 0	0 0	0 0	0 0	2
21:00	3	0	0	-	0	0	0	0	0	0	0	0	0	3
22:00	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	131	0	0	0	0	0	0	0	0	0	0	0	0	131
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	131
AM Peak	08:00													08:00
Vol.	21													21
PM	15:00	-				-		-						15:00
Peak														
Vol.	12													12



Shawme Road north of Highview Drive City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 C Class Site Code: 13279

SB						Ema	il: datarequests@	x: 508-875-0118 pdillc.com					Site Code	e. 132 <i>1</i> 9
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1														
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
09:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
10:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
11:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
12 PM	11	0	0	0	0	0	0	0	0	0	0	0	0	11
13:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
15:00	23	0	0	0	0	0	0	0	0	0	0	0	0	23
16:00	20	0	0	0	0	0	0	0	0	0	0	0	0	20
17:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
18:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
21:00	1	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0	0 0	1
22:00 23:00	2 0	0	0	0	0	0	0	0	0	0	0	0	0	2 0
23:00_ Total	139	0	0	0	0	0	0	0	0	0	0	0	0	139
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	139
AM		0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	
Peak	08:00													08:00
Vol.	9													9
PM														
Peak	15:00													15:00
Vol.	23													23

> Overflow/Adventure Park Lot driveway – southwest of Shawme Road



Adventure Park Driveway west of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 F Volume Site Code: 13279

Start		EB				WB				Combin			08/11/17	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		Fri	
12:00	0		0		0		5		0		5			
12:15	Ö		2		Ö		0		Ö		2			
12:30	Ö		0		Ő		7		Ö		7			
12:45	0	0	3	5	0	0	4	16	0	0	7	21		
01:00	0	U	2	Ü	0	O	0	10	0	O	2			
01:15	0		3		0		5		0		8			
01:13	0		2		0		3		0		5			
01:45	0	0	2 2	9	0	0	3	11	0	0	5	20		
02:00	0	U	3	9	0	U	2		0	U	5	20		
02:00			4		0		6		0		10			
	0								0					
02:30	0	0	4	10	0	0	4	15		0	8	27		
02:45	0	0	1	12	0	0	3	15	0	0	4	27		
03:00	0		5		0		1		0		6			
03:15	0		1		0		0		0		1			
03:30	0		4		0		5		0		9			
03:45	0	0	5	15	0	0	3	9	0	0	8	24		
04:00	0		3		0		2		0		5			
04:15	0		3		0		4		0		7			
04:30	0		0		0		3		0		3			
04:45	0	0	1	7	0	0	4	13	0	0	5	20		
05:00	0		1		0		5		0		6			
05:15	0		2		0		4		0		6			
05:30	0		4		0		1		0		5			
05:45	0	0	1	8	0	0	0	10	0	0	1	18		
06:00	0		1		0		0		0		1			
06:15	0		2		2		0		2		2			
06:30	0		2		1		1		1		3			
06:45	0	0	0	5	2	5	1	2	2	5	1	7		
07:00	Ö	ŭ	1	ŭ	1	ŭ	0	_	1	ŭ	1	•		
07:15	0		4		0		0		0		4			
07:30	Ö		5		1		Ö		1		5			
07:45	0	0	2	12	2	4	1	1	2	4	3	13		
08:00	0	U	3	12	5	7	Ö		5	7	3	10		
08:15	0		3		2		0		2		3			
08:30	0		0		2		0		2		0			
		0		c	6	15		0	6	15		6		
08:45	0	0	0 0	6		15	0	0		15	0	6		
09:00	0				3		0		3		0			
09:15	0		0		0		0		0		0			
09:30	0	•	0	•	1	-	0	•	1	-	0	•		
09:45	0	0	0	0	3	7	0	0	3	7	0	0		
10:00	0		0		2		0		2		0			
10:15	0		0		5		0		5		0			
10:30	0		0		3		0		3		0			
10:45	0	0	0	0	3	13	0	0	3	13	0	0		
11:00	3		0		3		0		6		0			
11:15	1		0		15		0		16		0			
11:30	3		0		8		0		11		0			
11:45	2	9	0	0	11	37	0	0	13	46	0	0		
Total	9		79		81		77		90		156			
Percent	10.0%	5	50.6%		90.0%	4	19.4%							
ay Total		88				158				246				
Peak	11:00	-	03:00	-	11:00	-	12:00	-	11:00	-	03:30	-	-	
i cak					~-				4.0					
Vol.	9	-	15	-	37	-	16	-	46	-	29	-	-	



Adventure Park Driveway west of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 F Class Site Code: 13279

EB						Office: 50 Ema	08-875-0100 Fa nil: datarequests	nx: 508-875-0118 @pdillc.com	3				Site Cod	e: 13279
Start		Medium	Lorgo				· ·	·						
Time	Cars	Heavy	Large Heavy											Total
08/11/1	Cais	пеачу	пеачу										-	TOlai
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	Ö	0	Ö	0	0	0	Ö	Õ	0	Õ	Ö	0	0	Ö
10:00	Ō	0	Ö	Ö	Ō	0	Ö	0	Ö	Ō	Ö	Ō	Ö	0
11:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
12 PM	5	0	0	0	0	0	0	0	0	0	0	0	0	5
13:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
14:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
15:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
16:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
18:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
20:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	88	0	0	0	0	0	0	0	0	0	0	0	0	88
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00													11:00
Peak														•
Vol. PM	9													9_
Pivi	15:00													15:00
Vol.	15													15
v OI.	13													13

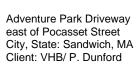


Adventure Park Driveway west of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 F Class Site Code: 13279

WB						Office: 50 Ema	18-875-0100 Fa il: datarequests@	x: 508-875-0118 @pdillc.com					Site Cod	e. 13279
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1	Odis	ricavy	Ticavy											Total
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	Ö	Ö	0	Ö	0	0	Ö	Ö	Ö	Ö	0	0	0	Ö
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	Ō	Ö	0	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	0	Ö
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5
07:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
09:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
10:00	9	4	0	0	0	0	0	0	0	0	0	0	0	13
11:00	37	0	0	0	0	0	0	0	0	0	0	0	0	37
12 PM	16	0	0	0	0	0	0	0	0	0	0	0	0	16
13:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
15:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
17:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	153 96.8%	5 3.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	158
Percent AM	90.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Peak	11:00	10:00												11:00
Vol.	37	4												37
PM														
Peak	12:00													12:00
Vol.	16													16

Overflow/Adventure Park Lot driveway – (east of Pocasset Street)





46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 G Volume Site Code: 13279

Start		EB				WB				Combi	n		08/11/17
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		Fri
12:00	0		0		0		2		0		2		
12:15	0		1		0		3		0		4		
12:30	Ö		2		Ö		4		Ö		6		
12:45	0	0	0	3	0	0	0	9	0	0	0	12	
01:00	0	U	0	3	0	U		3	0	U	6	12	
							6						
01:15	0		0		0		2		0		2		
01:30	0	_	1		0		6		0		7	4.0	
01:45	0	0	0	1	0	0	3	17	0	0	3	18	
02:00	0		0		0		1		0		1		
02:15	0		1		0		5		0		6		
02:30	0		0		0		1		0		1		
02:45	0	0	0	1	0	0	4	11	0	0	4	12	
03:00	0		3		0		5		0		8		
03:15	0		2		0		2		0		4		
03:30	Ö		1		Ö		0		Ö		1		
03:45	0	0	Ö	6	Ö	0	Ö	7	0	0	0	13	
04:00	0	U	1	U	0	U	1	,	0	U	2	13	
04:15	0		0		0		2		0		2		
04:30	0	_	1	_	0	_	1	_	0	_	2	_	
04:45	0	0	0	2	0	0	3	7	0	0	3	9	
05:00	0		1		0		5		0		6		
05:15	0		1		0		6		0		7		
05:30	0		0		0		0		0		0		
05:45	0	0	0	2	0	0	0	11	0	0	0	13	
06:00	0		0		0		0		0		0		
06:15	0		0		0		0		0		0		
06:30	Ö		Ö		Ö		3		Ö		3		
06:45	0	0	Ö	0	Ö	0	1	4	0	0	1	4	
07:00	0	U	0	U	0	U	2	7	0	U	2	7	
									1				
07:15	0		0		1		6		=		6		
07:30	0	_	1		0		2	4.0	0	_	3		
07:45	2	2	0	1	0	1	3	13	2	3	3	14	
08:00	2		0		2		0		4		0		
08:15	2		0		0		0		2		0		
08:30	0		0		0		0		0		0		
08:45	2	6	0	0	0	2	0	0	2	8	0	0	
09:00	1		0		1		0		2		0		
09:15	0		0		0		0		0		0		
09:30	0		0		1		0		1		0		
09:45	0	1	Ö	0	0	2	Ö	0	0	3	0	0	
10:00	2	•	0	Ŭ	2	_	0	J	4	J	0	Ü	
10:00	0		0		2		0		2		0		
10:13	2		0		1		0		3		0		
		4	0	0	1 4	9	0	^	3 1	40	0	^	
10:45	0	4	-	U	7	9	U	0		13	_	0	
11:00	0		0		3		0		3		0		
11:15	0		0		1		0		1		0		
11:30	0	_	0	_	0	_	0	_	0	_	0	_	
11:45	0	0	0	0	3	7	0	0	3	7	0	0	
Total	13		16		21		79		34		95		
Percent	38.2%		16.8%		61.8%		83.2%						
ay Total		29				100)			129	9		
Peak	07:30	-	02:45	-	10:15	-	01:00	-	10:00	-	02:15	-	-
Peak Vol.	07:30 6	-	02:45 6	-	10:15 10	-	01:00 17	-	10:00 13	-	02:15 19	-	- -



Adventure Park Driveway east of Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 G Class Site Code: 13279

ED						Office: 50 Ema	08-875-0100 Fa iil: datarequests@	x: 508-875-0118 @pdillc.com					Site Code	9: 13279
EB Start		Medium	Larga				· ·	•						
Time	Cars	Heavy	Large Heavy											Total
08/11/1	Cais	пеачу	пеачу											<u> 10tai</u>
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	2	0	0	0	0	0	0	Ő	0	Ö	Õ	0	0	2
08:00	6	0	0	0	0	0	0	0	0	Ö	Ö	0	Ö	6
09:00	1	Ö	0	Ö	Ö	Ō	0	Ö	Ö	Ö	Ö	Ö	Ö	1
10:00	3	1	0	0	0	0	0	0	0	0	0	0	0	4
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	3	0	0	0	0	0	0	0	0	0	0	0	0	3
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
16:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28	1	0	0	0	0	0	0	0	0	0	0	0	29
Percent	96.6%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	08:00	10:00												08:00
Peak	_	4												•
Vol. PM	6	1												6_
Pivi Peak	15:00													15:00
Peak Vol.	6													6
VOI.	O													O



Adventure Park Driveway east of Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 G Class Site Code: 13279

WB						Ema	il: datarequests@	x: 508-875-0118 pdillc.com					One cou	e. 13279
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1			Ţ											
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
10:00	5	4	0	0	0	0	0	0	0	0	0	0	0	9
11:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
12 PM	9	0	0	0	0	0	0	0	0	0	0	0	0	9
13:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17
14:00	10	1	0	0	0	0	0	0	0	0	0	0	0	11
15:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
16:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
18:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
19:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	94	6	0	0	0	0	0	0	0	0	0	0	0	100
Percent	94.0%	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	10:00												10:00
Peak														
Vol.	7	4												9
PM Peak	13:00	14:00												13:00
Vol.	17	1												17

Page 21 o Elm/Oak/Birch Parking Lot driveway – east of Grove Street

Ref: 81787.19 April 23, 2019 Herritage North Driveway east Shawme Road/ Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford



46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 D Volume Site Code: 13279

Start		EB				WB				Combi	n		08/11/17	
Time	A.M.		P.M.		A.M.	***	P.M.		A.M.	ed	P.M.		Fri	
12:00	0	-	11		0		17		0		28		FII	
12:15	0		17		0		13		0		30			
12:30	0		14		0		21		0		35			
12:30	0	0		50	0	0	16	67		0	24	117		
		U	8	50		U		07	0	U	15	117		
01:00	0		6		0		9		0					
01:15	0		9		0		13		0		22			
01:30	0	•	5		0	_	15		0	_	20			
01:45	0	0	12	32	0	0	10	47	0	0	22	79		
02:00	0		7		0		9		0		16			
02:15	0		9		0		11		0		20			
02:30	0		7		0		12		0		19			
02:45	0	0	6	29	0	0	10	42	0	0	16	71		
03:00	0		6		0		11		0		17			
03:15	0		3		0		10		0		13			
03:30	0		7		0		9		0		16			
03:45	0	0	5	21	0	0	9	39	0	0	14	60		
04:00	0		4		0		16		0		20			
04:15	0		4		0		11		0		15			
04:30	0		0		0		0		0		0			
04:45	0	0	Ő	8	Ö	0	Ö	27	Ö	0	Ő	35		
05:00	0	v	0	Ū	0	Ů	Ö		Ö	Ŭ	0	00		
05:15	0		0		0		0		0		0			
05:30	0		0		0		0		0		0			
		4		0	1	4		0	2	2		0		
05:45	1	1	0	0		1	0	0		2	0 0	0		
06:00	0		0		0		0		0					
06:15	0		0		0		0		0		0			
06:30	0	•	0	•	0	_	0	_	0	_	0			
06:45	0	0	0	0	0	0	0	0	0	0	0	0		
07:00	0		0		0		0		0		0			
07:15	1		0		0		0		1		0			
07:30	1		0		1		0		2		0			
07:45	0	2	0	0	1	2	0	0	1	4	0	0		
08:00	0		0		0		0		0		0			
08:15	5		0		0		0		5		0			
08:30	3		0		2		0		5		0			
08:45	9	17	0	0	4	6	0	0	13	23	0	0		
09:00	3		0		2		0		5		0			
09:15	3		0		2		0		5		0			
09:30	5		0		1		0		6		0			
09:45	12	23	0	0	0	5	0	0	12	28	0	0		
10:00	31		0		2		0		33		0			
10:15	38		0		1		Ö		39		0			
10:30	40		0		0		0		40		0			
10:45	34	143	0	0	2	5	0	0	36	148	0	0		
11:00	23	10	0	J	3	J	0	J	26	. 40	0	J		
11:15	19		0		1		0		20		0			
11:30	9		0		4		0		13		0			
11:45	12	63	0	0	4	12	0	0	16	75	0	0		
		03		<u> </u>	31	12	222	U		75	362	U		
Total	249		140						280		302			
Percent	88.9%		38.7%		11.1%		61.3%							
Day Total		389	9			253	3			642	2			
-														
Peak	10:00	_	12:00	_	11:00	_	12:00	_	10:00	_	12:00	_	_	_
Vol.	143	_	50	_	12	_	67	_	148	_	117	_	_	_
P.H.F.	0.894	=	0.735	=	0.750	=	0.798	=	0.925	=	0.836	-	-	=
г.п.г.	0.094		0.735		0.730		0.130		0.920		0.030			



Herritage North Driveway east Shawme Road/ Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com

175807 D Class Site Code: 13279

EB						Office: 50 Ema	18-875-0100 Fa il: datarequests@	x: 508-875-0118 pdillc.com					Site Code	e. 13279
Start		Medium	Large	-										
Time	Cars	Heavy	Heavy											Total
08/11/1	Odis	Ticavy	ricavy	-										Total
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	Ő	Õ	0	0	Õ	Ő	Ö	0	0	Õ	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	Ö	0	Ö	0	Ö	Ö	Ö	0	0	Ö	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
08:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17
09:00	21	2	0	0	0	0	0	0	0	0	0	0	0	23
10:00	141	2	0	0	0	0	0	0	0	0	0	0	0	143
11:00	63	0	0	0	0	0	0	0	0	0	0	0	0	63
12 PM	46	4	0	0	0	0	0	0	0	0	0	0	0	50
13:00	31	1	0	0	0	0	0	0	0	0	0	0	0	32
14:00	29	0	0	0	0	0	0	0	0	0	0	0	0	29
15:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
16:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0 378	0 11	0 0	0	<u> </u>	0	0	0	<u> </u>	<u> </u>	0 0	0	<u> </u>	0
Total	378 97.2%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%	0.0%	0.0%	0.0%	0 0.0%	0.0%	389
Percent AM	91.270	2.070	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Peak	10:00	09:00												10:00
Vol.	141	2												143
PM														
Peak	12:00	12:00												12:00
Vol.	46	4												50



Herritage North Driveway east Shawme Road/ Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 D Class Site Code: 13279

14/5						Office: 50 Ema)8-875-0100 Fa il:datarequests@	ıx: 508-875-0118 @pdillc.com					Site Cod	9: 13279
WB		NA - P	1											
Start		Medium	Large											T-1-1
Time	Cars	Heavy	Heavy											Total
08/11/1	0	0	0	0	•	•		0		0	0	•	0	•
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
08:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
09:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5
11:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	63	4	0	0	0	0	0	0	0	0	0	0	0	67
13:00	46	1	0	0	0	0	0	0	0	0	0	0	0	47
14:00	42	0	0	0	0	0	0	0	0	0	0	0	0	42
15:00	39	0	0	0	0	0	0	0	0	0	0	0	0	39
16:00	27	0	0	0	0	0	0	0	0	0	0	0	0	27
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0_
Total	245	8	0	0	0	0	0	0	0	0	0	0	0	253
Percent	96.8%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	05:00												11:00
Peak		00.00												
Vol.	12	1												12
PM	12:00	12:00												12:00
Peak														
Vol.	63	4												67

Page 22 o Elm/Oak/Birch Parking Lot driveway – east of Shawme Road

Ref: 81787.19 April 23, 2019



Herritage South Driveway east of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

175807 E Volume Site Code: 13279

Start		EB				WB				Comb ed	in		08/11/17	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ea	P.M.		Fri	
12:00	0		0		0		3		0		3			
12:15	0		1		0		6		0		7			
12:30	Ö		0		Ö		12		Õ		12			
12:45	Ő	0	Ö	1	0	0	6	27	Ő	0	6	28		
01:00	Ő	Ŭ	Ő	•	Ö	Ů	3		Ő	Ŭ	3			
01:15	0		3		0		7		0		10			
01:30	0		0		0		1		0		1			
01:45	0	0	0	3	0	0	3	14	0	0	3	17		
02:00		U	0	3		U	5	14		U		17		
	0				0				0		5			
02:15	0		2		0		4		0		6			
02:30	0	•	1	•	0	•	4	40	0	•	5	40		
02:45	0	0	0	3	0	0	3	16	0	0	3	19		
03:00	0		2		0		2		0		4			
03:15	0		0		0		2		0		2			
03:30	0		0		0		1		0		1			
03:45	0	0	1	3	0	0	5	10	0	0	6	13		
04:00	0		0		0		2		0		2			
04:15	0		0		0		1		0		1			
04:30	0		0		0		6		0		6			
04:45	0	0	0	0	0	0	13	22	0	0	13	22		
05:00	0	-	1	-	0	_	10		0		11			
05:15	Ö		1		Ö		5		0		6			
05:30	Ő		2		0		3		Ő		5			
05:45	0	0	0	4	0	0	2	20	0	0	2	24		
06:00	0	U	0	7	0	U	0	20	0	U	0	24		
06:00	0		1		0		0		0		1			
06:30			0						0					
	0	^		4	0	0	2	2		^	2	4		
06:45	0	0	0	1	0	0	1	3	0	0	1	4		
07:00	0		0		0		1		0		1			
07:15	0		0		0		0		0		0			
07:30	0		0		0		0		0		0			
07:45	0	0	0	0	0	0	1	2	0	0	1	2		
08:00	0		0		0		0		0		0			
08:15	1		0		2		0		3		0			
08:30	0		0		0		0		0		0			
08:45	1	2	0	0	1	3	0	0	2	5	0	0		
09:00	1		0		0		0		1		0			
09:15	4		0		1		0		5		0			
09:30	0		0		0		0		0		0			
09:45	1	6	Ö	0	Ö	1	0	0	1	7	0	0		
10:00	0	•	Ö	•	2	•	Ö	•	2	•	Ö	ŭ		
10:15	Ő		Ö		2		0		2		0			
10:30	0		0		0		0		0		0			
10:45	0	0	0	0	3	7	0	0	3	7	0	0		
11:00		U		U		,	-	U		,		U		
11.00	0		0		2		0		2		0			
11:15	1		0		13		0		14		0			
11:30	0	•	0	•	8	0.4	0	•	8	00	0	•		
11:45	1	2	0	00	11	34	0	00	12	36	0	0		
Total Percent	10 18.2%		15 11.6%		45 81.8%		114 88.4%		55		129			
ay Total		25				15				18	4			
Peak	08:30		02:15		11:00		04.20		11:00		04:30			
reak		-	02:15	-	11.00	-	04:30	-	36	-		-	-	
\/~!	· ·													
Vol. P.H.F.	6 0.375	-	5 0.417	-	34 0.654	-	34 0.654	-	0.643	-	36 0.692	-	-	



Herritage South Driveway east of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 E Class Site Code: 13279

EB						Office: 50 Ema	08-875-0100 Fa iil: datarequests@	x: 508-875-0118 @pdillc.com					Site Code	e. 132 <i>1</i> 9
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1														
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
14:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
15:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00 Total	0 25	0 0	<u> </u>	0	0	<u> </u>	0	<u> </u>	0	0 0	<u> </u>	0	<u> </u>	0 25
Percent	25 100.0%	0.0%	0.0%	0.0%	0 0.0%	0.0%	0 0.0%	0.0%	0 0.0%	0.0%	0.0%	0 0.0%	0.0%	25
AM	100.0%	0.0%	0.0%	0.076	0.0%	0.0%	0.0%	0.0%	0.076	0.0%	0.076	0.076	0.0%	
Peak	09:00													09:00
Vol.	6													6
PM														
Peak	17:00													17:00
Vol.	4													4
. 51.	•													•



Herritage South Driveway east of Shawme Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 175807 E Class Site Code: 13279

14/5						Office: 50 Ema)8-875-0100 Fa il:datarequests@	x: 508-875-0118					Site Coa	e: 13279
WB							datarequests	- pamercom						
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/11/1	•	0	0	0	0	•	•	•	•	•	•	0	•	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1_
10:00	4	3	0	0	0	0	0	0	0	0	0	0	0	7
11:00	34	0	0	0	0	0	0	0	0	0	0	0	0	34
12 PM	27	0	0	0	0	0	0	0	0	0	0	0	0	27
13:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
14:00	16	0	0	0	0	0	0	0	0	0	0	0	0	16
15:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
16:00	22	0	0	0	0	0	0	0	0	0	0	0	0	22
17:00	20	0	0	0	0	0	0	0	0	0	0	0	0	20
18:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0_
Total	156	3	0	0	0	0	0	0	0	0	0	0	0	159
Percent	98.1%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	10:00												11:00
Peak														
Vol.	34	3												34_
PM	12:00													12:00
Peak														
Vol.	27													27

> Parking Lot Occupancy

Adventure Park Lot Driveways west of Shawme Road and east of Pocasset Street Parking Lot Occupancy Friday 8/11/2017

City, State: Sandwich, MA Client: VHB/ P. Dunford

Site Code: 13279

		ATR-F	ATR-G	ATR-F	ATR-G	
	Total In Lot @ Start	Enter-from Shawme	Enter-from Pocasset	Fuit to Chaussa Dd	F.::4 4 - D C4	Total In Lot @ End of
	of Interval	Rd	St	Exit-to Shawme Rd	Exit-to Pocasset St	Interval
12:00 AM	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0
6:15 AM	0	2	0	0	0	2
6:30 AM	2	1	0	0	0	3
6:45 AM	3	2	0	0	0	5
7:00 AM	5	1	0	0	0	6
7:15 AM	6	0	0	0	1	5
7:30 AM	5	1	0	0	0	6
7:45 AM	6	2	2	0	0	10
8:00 AM	10	5	2	0	2	15
8:15 AM	15	2	2	0	0	19
8:30 AM	19	2	0	0	0	21
8:45 AM	21	6	2	0	0	29
9:00 AM	29	3	1	0	1	32
9:15 AM	32	0	0	0	0	32
9:30 AM	32	1	0	0	1	32
9:45 AM	32	3	0	0	0	35
10:00 AM	35	2	2	0	2	37
10:15 AM	37	5	0	0	2	40
10:30 AM	40	3	2	0	1	44
10:45 AM	44	3	0	0	4	43
11:00 AM	43	3	0	3	3	40
11:15 AM	40	15	0	1	1	53
11:30 AM	53	8	0	3	0	58
11:45 AM	58	11	0	2	3	64
12:00 PM	64	5	0	0	2	67

12:15 PM	67	0	1	2	3	63
12:30 PM	63	7	2	0	4	68
12:45 PM	68	4	0	3	0	69
1:00 PM	69	0	0	2	6	61
1:15 PM	61	5	0	3	2	61
1:30 PM	61	3	1	2	6	57
1:45 PM	57	3	0	2	3	55
2:00 PM	55	2	0	3	1	53
2:15 PM	53	6	1	4	5	51
2:30 PM	51	4	0	4	1	50
2:45 PM	50	3	0	1	4	48
3:00 PM	48	1	3	5	5	42
3:15 PM	42	0	2	1	2	41
3:30 PM	41	5	1	4	0	43
3:45 PM	43	3	0	5	0	41
4:00 PM	41	2	1	3	1	40
4:15 PM	40	4	0	3	2	39
4:30 PM	39	3	1	0	1	42
4:45 PM	42	4	0	1	3	42
5:00 PM	42	5	1	1	5	42
5:15 PM	42	4	1	2	6	39
5:30 PM	39	1	0	4	0	36
5:45 PM	36	0	0	1	0	35
6:00 PM	35	0	0	1	0	34
6:15 PM	34	0	0	2	0	32
6:30 PM	32	1	0	2	3	28
6:45 PM	28	1	0	0	1	28
7:00 PM	28	0	0	1	2	25
7:15 PM	25	0	0	4	6	15
7:30 PM	15	0	1	5	2	9
7:45 PM	9	1	0	2	3	5
8:00 PM	5	0	0	3	0	2
8:15 PM	2	0	0	3	0	-1
8:30 PM	-1	0	0	0	0	-1
8:45 PM	-1	0	0	0	0	-1
9:00 PM	-1	0	0	0	0	-1
9:15 PM	-1	0	0	0	0	-1
9:30 PM	-1	0	0	0	0	-1
9:45 PM	-1	0	0	0	0	-1
10:00 PM	-1	0	0	0	0	-1
10:15 PM	-1	0	0	0	0	-1
10:30 PM	-1	0	0	0	0	-1
10:45 PM	-1	0	0	0	0	-1
11:00 PM	-1	0	0	0	0	-1
11:15 PM	-1	0	0	0	0	-1
11:30 PM	-1	0	0	0	0	-1
11:45 PM	-1	0	0	0	0	-1
12:00 AM	-1					

Herritage Lots east of Shawme Road Parking Lot Occupancy Friday 8/11/2017

City, State: Sandwich, MA Client: VHB/ P. Dunford

Site Code: 13279

** North Driveway Entrance Coned off until 9:30AM Vehicles would still enter on exit side of driveway

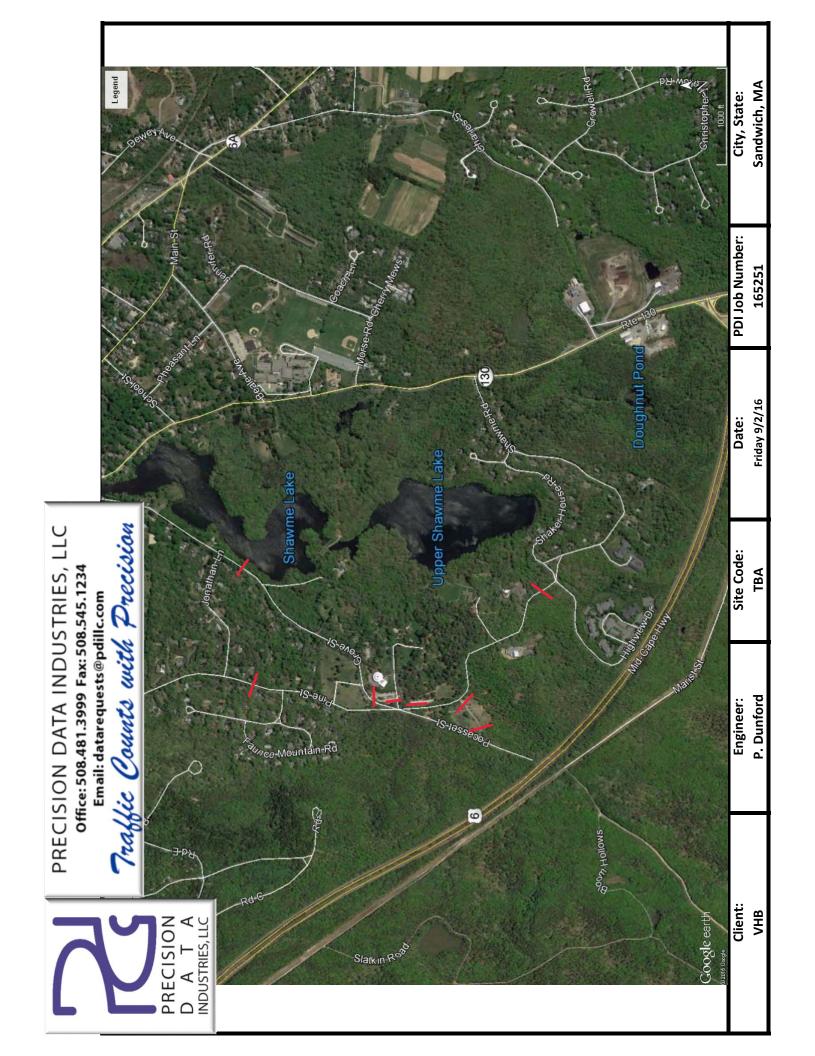
** North Driveway Enter/Exit Coned off @ 4:30pm

		ATR-D	ATR-E	ATR-D	ATR-E	
	Total In Lot @ Start of Interval	Enter-North Drive	Enter-South Drive	Exit-North Drive	Exit-South Drive	Total In Lot @ End of Interval
12:00 AM	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0
5:45 AM	0	1	0	1	0	0
6:00 AM	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	1
7:30 AM	1	1	0	1	0	1
7:45 AM	1	0	0	1	0	0
8:00 AM	0	0	0	0	0	0
8:15 AM	0	5	1	0	2	4
8:30 AM	4	3	0	2	0	5
8:45 AM	5	9	1	4	1	10
9:00 AM	10	3	1	2	0	12
9:15 AM	12	3	4	2	1	16
9:30 AM	16	5	0	1	0	20
9:45 AM	20	12	1	0	0	33
10:00 AM	33	31	0	2	2	60
10:15 AM	60	38	0	1	2	95
10:30 AM	95	40	0	0	0	135
10:45 AM	135	34	0	2	3	164
11:00 AM	164	23	0	3	2	182
11:15 AM	182	19	1	1	13	188
11:30 AM	188	9	0	4	8	185
11:45 AM	185	12	1	4	11	183
12:00 PM	183	11	0	17	3	174
12.00 FIVI	103	11	U	1/	э	1/4

12:15 PM	174	17	1	13	6	173
12:30 PM	173	14	0	21	12	154
12:45 PM	154	8	0	16	6	140
1:00 PM	140	6	0	9	3	134
1:15 PM	134	9	3	13	7	126
1:30 PM	126	5	0	15	1	115
1:45 PM	115	12	0	10	3	114
2:00 PM	114	7	0	9	5	107
2:15 PM	107	9	2	11	4	103
2:30 PM	103	7	1	12	4	95
2:45 PM	95	6	0	10	3	88
3:00 PM	88	6	2	11	2	83
3:15 PM	83	3	0	10	2	74
3:30 PM	74	7	0	9	1	71
3:45 PM	71	5	1	9	5	63
4:00 PM	63	4	0	16	2	49
4:15 PM	49	4	0	11	1	41
4:30 PM	41	0	0	0	6	35
4:45 PM	35	0	0	0	13	22
5:00 PM	22	0	1	0	10	13
5:15 PM	13	0	1	0	5	9
5:30 PM	9	0	2	0	3	8
5:45 PM	8	0	0	0	2	6
6:00 PM	6	0	0	0	0	6
6:15 PM	6	0	1	0	0	7
6:30 PM	7	0	0	0	2	5
6:45 PM	5	0	0	0	1	4
7:00 PM	4	0	0	0	1	3
7:15 PM	3	0	0	0	0	3
7:30 PM	3	0	0	0	0	3
7:45 PM	3	0	0	0	1	2
8:00 PM	2	0	0	0	0	2
8:15 PM	2	0	0	0	0	2
8:30 PM	2	0	0	0	0	2
8:45 PM	2	0	0	0	0	2
9:00 PM	2	0	0	0	0	2
9:15 PM	2	0	0	0	0	2
9:30 PM	2	0	0	0	0	2
9:45 PM	2	0	0	0	0	2
10:00 PM	2	0	0	0	0	2
10:15 PM	2	0	0	0	0	2
10:30 PM	2	0	0	0	0	2
10:45 PM	2	0	0	0	0	2
11:00 PM	2	0	0	0	0	2
11:15 PM	2	0	0	0	0	2
11:30 PM	2	0	0	0	0	2
11:45 PM	2	0	0	0	0	2
12:00 AM	2					

2016 APPENDIX

- > Automatic Traffic Recorder Counts (volumes/speeds)
- > Capacity Analysis



> Automatic Traffic Recorder Counts (volumes/speeds)

o Pine Street



Pine Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 A Volume Site Code: 13279

Start		NB				SB			,	Comb	in		9/2/2016	
	Λ	IND	D.14		A B.4	SB	D. 1.		A B.	ed				
Time 12:00	A.M. 0		P.M. 11		A.M. 0		P.M. 12		A.M. 0		P.M. 23	-	Fri	
12:15	0		15		0		10		0		25 25			
12:13	0		9		1		18		1		27			
12:30	0	0	23	58	0	1	9	49	0	1	32	107		
01:00	0	U	23 19	36	0	ı	6	49	0	1	32 25	107		
01:15	0		10		0		8		0		18			
01:30	0	^	16	0.5	0	^	12	00	0	•	28	404		
01:45	0	0	20	65	0	0	13	39	0	0	33	104		
02:00	0		18		0		10		0		28			
02:15	0		12		0		11		0		23			
02:30	0	^	13		0	^	3	00	0	•	16	00		
02:45	0	0	16	59	0	0	9	33	0	0	25	92		
03:00	0		11		0		9		0		20			
03:15	0		12		0		2		0		14			
03:30	0	_	10		0	_	7		0		17			
03:45	0	0	12	45	0	0	19	37	0	0	31	82		
04:00	1		14		0		11		1		25			
04:15	0		15		0		6		0		21			
04:30	1		18		0		3		1		21			
04:45	0	2	22	69	0	0	6	26	0	2	28	95		
05:00	1		6		0		9		1		15			
05:15	0		8		0		5		0		13			
05:30	1		5		0		5		1		10			
05:45	0	2	5	24	1	1	3	22	1	3	8	46		
06:00	2		5		0		4		2		9			
06:15	2		10		2		4		4		14			
06:30	0		3		1		4		1		7			
06:45	3	7	10	28	5	8	3	15	8	15	13	43		
07:00	2		8		1		4		3		12			
07:15	2		2		5		0		7		2			
07:30	6		3		4		1		10		4			
07:45	7	17	2	15	7	17	5	10	14	34	7	25		
08:00	7		1		10		9		17		10			
08:15	6		0		9		2		15		2			
08:30	7		0		4		1		11		1			
08:45	7	27	0	1	14	37	1	13	21	64	1	14		
09:00	2		0		9		0		11		0			
09:15	7		0		10		1		17		1			
09:30	3		0		12		0		15		0			
09:45	2	14	1	1	12	43	3	4	14	57	4	5		
10:00	9		0		13		3		22		3			
10:15	5		1		12		0		17		1			
10:30	7		1		12		2		19		3			
10:45	7	28	1	3	17	54	0	5	24	82	1	8		
11:00	19		0		9		0		28		0			
11:15	6		1		16		3		22		4			
11:30	5		1		7		1		12		2			
11:45	10	40	0	2	9	41	1	5	19	81	1	7		
Total	137		370		202		258		339		628			
Percent	40.4%	;	58.9%		59.6%		41.1%							
Day Total		507				460)			96	7			
Dools	11.00		04:00		10.00		12.00		10:20		01.20			
Peak	11:00	-	04:00	-	10:00	-	12:00	-	10:30	-	01:30	-	-	-
Vol.	40	-	69	-	54	-	49	-	93	-	112	-	=	-
P.H.F.	0.526		0.784		0.794		0.681		0.830		0.848			



Pine Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford NB

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 A Class Site Code: 13279

INB														
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 Axl	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7
07:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
08:00	0	16	9	0	2	0	0	0	0	0	0	0	0	27
09:00	0	9	5	0	0	0	0	0	0	0	0	0	0	14
10:00	0	20	6	0	2	0	0	0	0	0	0	0	0	28
11:00	0	29	10	0	1	0	0	0	0	0	0	0	0	40
12 PM	0	40	15	0	3	0	0	0	0	0	0	0	0	58
13:00	2	49	10	0	4	0	0	0	0	0	0	0	0	65
14:00	0	42	16	0	1	0	0	0	0	0	0	0	0	59
15:00	0	37	8	0	0	0	0	0	0	0	0	0	0	45
16:00	1	46	18	1	3	0	0	0	0	0	0	0	0	69
17:00	0	19	5	0	0	0	0	0	0	0	0	0	0	24
18:00	1	18	8	0	1	0	0	0	0	0	0	0	0	28
19:00	1	13	1	0	0	0	0	0	0	0	0	0	0	15
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Percent	1.0%	72.0%	23.1%	0.2%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		11:00	11:00		08:00									11:00
Peak														
Vol.		29	10		2									40
PM	13:00	13:00	16:00	16:00	13:00									16:00
Peak														
Vol.	2	49	18	1	4									69



Pine Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 A Class Site Code: 13279

Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 Axl	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
09/02/1														
6	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
07:00	0	11	3	0	2	0	0	1	0	0	0	0	0	17
08:00	0	23	12	0	2	0	0	0	0	0	0	0	0	37
09:00	0	36	6	0	1	0	0	0	0	0	0	0	0	43
10:00	0	40	11	0	2	1	0	0	0	0	0	0	0	54
11:00	0	32	7	0	2	0	0	0	0	0	0	0	0	41
12 PM	0	35	12	0	2	0	0	0	0	0	0	0	0	49
13:00	0	28	10	0	1	0	0	0	0	0	0	0	0	39
14:00	0	26	7	0	0	0	0	0	0	0	0	0	0	33
15:00	0	29	7	0	1	0	0	0	0	0	0	0	0	37
16:00	0	14	9	0	3	0	0	0	0	0	0	0	0	26
17:00	1	16	5	0	0	0	0	0	0	0	0	0	0	22
18:00	0	11	4	0	0	0	0	0	0	0	0	0	0	15
19:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
20:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5_
Percent	0.2%	73.5%	22.4%	0.0%	3.5%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM														40.00
Peak		10:00	08:00		07:00	10:00		07:00						10:00
Vol.		40	12		2	1		1						54
PM	17:00	12:00	12:00		16:00									12:00
Peak														
Vol.	1	35	12		3									49



Pine Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford NB

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 A Speed Site Code: 13279

110																
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
09/02/																
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2	27	22
05:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
06:00	0	2	2	3	0	0	0	0	0	0	0	0	0	. 7	27	23
07:00	0	1	11	4	1	0	0	0	0	0	0	0	0	17	27	23
08:00	0	3	10	11	3	0	0	0	0	0	0	0	0	27	28	25
09:00	0	1	5	7	1	0	0	0	0	0	0	0	0	14	28	25
10:00	0	7	10	11	0	0	0	0	0	0	0	0	0	28	27	23
11:00	0	7	21	12	0	0	0	0	0	0	0	0	0	40	26	23
12 PM	2	7	27	18	3	1	0	0	0	0	0	0	0	58	27	23
13:00	0	8	30	20	7	0	0	0	0	0	0	0	0	65	28	24
14:00	1	9	27	20	1	1	0	0	0	0	0	0	0	59	27	23
15:00	1	11	19	13	1	0	0	0	0	0	0	0	0	45	26	22
16:00	0	3	34	27	5	0	0	0	0	0	0	0	0	69	28	24
17:00	0	3	7 7	9	5 4	0	0	0 0	0	0 0	0	0	0	24	30	25
18:00	0	5		12	4	0	0	•	0	-	0	0	0	28	28	25
19:00 20:00	0	0	8	5 0	0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	15	27 23	24 22
21:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	23 28	22 27
22:00	0	0	1	2	0	0	0	0	0	0	0	0	0	3	27	27 25
23:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
Total	4	69	222	177	33	2	0	0	0	0	0	0	0	507	52	
%	0.8%	13.6%	43.8%	34.9%	6.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	307		
AM	0.070					0.470	0.070	0.070	0.070	0.070	0.070	0.070	0.070			
Peak		10:00	11:00	11:00	08:00									11:00		
Vol.		7	21	12	3									40		
PM	40.00					40.00	-			-			-			
Peak	12:00	15:00	16:00	16:00	13:00	12:00								16:00		
Vol.	2	11	34	27	7	1								69		
								-		-	-					

Stats

15th Percentile: 19 MPH 50th Percentile: 23 MPH 85th Percentile: 27 MPH 95th Percentile: 30 MPH

 Mean Speed(Average):
 24 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 399

 Percent in Pace:
 78.7%

 Number of Vehicles > 25 MPH:
 177

 Percent of Vehicles > 25 MPH:
 34.8%



Pine Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 A Speed Site Code: 13279

Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
09/02/																
16	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11	8
06:00	0	0	4	1	2	1	0	0	0	0	0	0	0	8	33	27
07:00	0	0	3	13	1	0	0	0	0	0	0	0	0	17	28	26
08:00	0	1	9	19	7	1	0	0	0	0	0	0	0	37	30	27
09:00	0	1	9	26	7	0	0	0	0	0	0	0	0	43	29	27
10:00	1	2	18	25	5	2	0	1	0	0	0	0	0	54	28	26
11:00	1	1	17	18	3	1	0	0	0	0	0	0	0	41	28	25
12 PM	1	2	18	22	6	0	0	0	0	0	0	0	0	49	28	25
13:00	1	3	14	13	7	1	0	0	0	0	0	0	0	39	30	25
14:00	2	2	11	14	4	0	0	0	0	0	0	0	0	33	28	24
15:00	0	1	14	15	7	0	0	0	0	0	0	0	0	37	30	26
16:00	0	1	10	7	8	0	0	0	0	0	0	0	0	26	31	26
17:00	1	1	8	8	3	1	0	0	0	0	0	0	0	22	30	25
18:00	0	0	6	7	2	0	0	0	0	0	0	0	0	15	28	26
19:00	0	0	3	6	1	0	0	0	0	0	0	0	0	10	28	26
20:00	0	2	3	7	1	0	0	0	0	0	0	0	0	13	28	25
21:00	0	0	2	1	1	0	0	0	0	0	0	0	0	4	31	26
22:00	0	0	1	3	1	0	0	0	0	0	0	0	0	5	30	27
23:00	0	0	1	4	0	0	0	0	0	0	0	0	0	5	28	26
Total	8	17	152	209	66	7	0	1	0	0	0	0	0	460		
%	1.7%	3.7%	33.0%	45.4%	14.3%	1.5%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	05:00	10:00	10:00	09:00	08:00	10:00		10:00						10:00		
Peak																
Vol.	1	2	18	26	7	2		1						54		
PM	14:00	13:00	12:00	12:00	16:00	13:00								12:00		
Peak																
Vol.	2	3	18	22	8	1								49		

Stats

15th Percentile :20 MPH50th Percentile :25 MPH85th Percentile :29 MPH95th Percentile :32 MPH

 Mean Speed(Average):
 26 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 361

 Percent in Pace:
 78.5%

 Number of Vehicles > 25 MPH:
 241

 Percent of Vehicles > 25 MPH:
 52.4%

o Grove Street



Grove Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 B Volume Site Code: 13279

Time	Start			SB				NB				Comb	in		9/2/2016	
12:00		ΑМ	ΔМ		РМ		ΔМ		РМ		ΑМ	ed	РМ			
12:15 0 9 9 0 16 0 25 12:30 0 0 5 0 18 0 23 12:45 0 0 0 10 29 0 0 5 47 0 0 15 76 01:00 0 110 29 0 0 5 47 0 0 15 76 01:00 0 111 0 0 15 0 20 01:15 0 111 0 0 15 0 20 01:30 0 9 0 111 0 0 20 01:30 0 0 7 0 10 17 78 02:00 0 7 0 10 10 0 17 02:15 0 6 0 8 0 14 02:30 0 4 0 9 0 12 39 0 14 02:30 0 4 0 1 1 12 1 16 03:30 0 0 4 0 6 0 12 39 0 0 15 59 03:00 0 7 0 0 12 39 0 0 15 59 03:00 0 7 0 0 8 0 15 03:45 0 0 1 1 16 0 16 0 16 0 16 03:30 0 0 7 0 0 8 0 15 03:45 0 0 15 59 03:46 1 0 0 1 1 10 36 0 1 12 53 04:00 0 0 3 0 0 4 0 1 10 36 0 1 12 53 04:00 0 0 4 11 0 36 0 1 12 53 04:00 0 0 4 11 0 36 0 1 12 53 04:00 0 0 4 11 0 36 0 1 12 53 04:30 0 0 4 10 0 6 0 10 03:30 0 0 7 0 1 10 36 0 1 12 53 04:00 0 0 0 0 0 0 0 0 0 0 0 10 05:00 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					5					-						
12:30																
12:46																
01:00 0 10 10 0 5 0 15 0 15 0 26 01:30 0 9 0 11 41 0 0 6 37 0 0 17 78 02:00 0 77 0 10 10 0 17 78 02:15 0 6 0 0 8 0 14 0 0 9 0 13 02:45 0 0 3 20 0 0 12 39 0 0 15 59 03:15 0 0 4 0 1 1 12 1 16 0 0 16 0 0 15 0 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 0				Λ		29		0		47		0		76		
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08:45 14 26 1 2 4 6 0 1 18 32 1 3 09:00 6 0 1 0 7 0 09:15 8 0 2 0 10 0 09:30 11 2 1 0 12 2 09:45 11 36 0 2 3 7 0 0 14 43 0 2 10:00 18 1 4 2 22 3 3 0 2 10:15 25 0 5 0 30 0 0 0 10:15 <td< td=""><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td></td<>					0								1			
09:00 6 0 1 0 7 0 09:15 8 0 2 0 10 0 09:30 11 2 1 0 12 2 09:45 11 36 0 2 3 7 0 0 14 43 0 2 10:00 18 1 4 2 22 3 3 0 10:15 25 0 5 0 30 0 0 0 10:30 19 0 9 0 28 0 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 19 0 0 19 0				26		2		6		1		32		3		
09:15 8 0 2 0 10 0 09:30 11 2 1 0 12 2 09:45 11 36 0 2 3 7 0 0 14 43 0 2 10:00 18 1 4 2 22 3 10:15 25 0 5 0 30 0 10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0 0						_		Ŭ		•		02		Ū		
09:30 11 2 1 0 12 2 09:45 11 36 0 2 3 7 0 0 14 43 0 2 10:00 18 1 4 2 22 3 10:15 25 0 5 0 30 0 10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0 0 0																
09:45 11 36 0 2 3 7 0 0 14 43 0 2 10:00 18 1 4 2 22 3 10:15 25 0 5 0 30 0 10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0																
10:00 18 1 4 2 22 3 10:15 25 0 5 0 30 0 10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0				26		2		7		0		42		2		
10:15 25 0 5 0 30 0 10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0				30		2		1		U		43		2		
10:30 19 0 9 0 28 0 10:45 14 76 0 1 5 23 0 2 19 99 0 3 11:00 14 0 5 0 19 0																
10:45	10:15															
11:00 14 0 5 0 19 0				 ^						_				_		
				76		1		23	_	2		99	_	3		
11:15 11 0 6 0 17 0											19					
	11:15	11			0		6		0		17		0			
11:30 9 0 1 0 10 0							· ·		0							
11:45 7 41 0 0 4 16 0 0 11 57 0 0				41		0		16		0		57		0		
Total 194 145 65 224 259 369	Total	194	194		145		65		224		259		369			
Percent 74.9% 39.3% 25.1% 60.7%	Percent	74.9%	74.9%	3	39.3%		25.1%		60.7%							
Day Total 339 289 628	ay Total			339				28	9			62	8			
Deals 40.00 04.00 40.00 40.00 40.00	D !	40:00	40.00		04-00		40:00		40.00		40.00		04:45			
Peak 10:00 - 01:00 - 10:30 - 12:00 - 10:00 - 01:15				-		-		-		-		-		-	-	
Vol. 76 - 41 - 25 - 47 - 99 - 80	Vol.	76	76	-		-		-	47	-	99	-	80	-	-	
P.H.F. 0.760 0.932 0.694 0.653 0.825 0.769	P.H.F.	0.760	0.760		0.932		0.694		0.653		0.825		0.769			



Grove Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

DATA
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 B Class Site Code: 13279

SB														
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	1	1	0	0	0	0	0	0	0	2
06:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
07:00	0	7	0	1	0	0	0	0	0	0	0	0	0	8
08:00	0	18	6	0	2	0	0	0	0	0	0	0	0	26
09:00	0	24	9	0	3	0	0	0	0	0	0	0	0	36
10:00	0	54	18	0	4	0	0	0	0	0	0	0	0	76
11:00	2	34	4	0	1	0	0	0	0	0	0	0	0	41
12 PM	1	21	4	0	3	0	0	0	0	0	0	0	0	29
13:00	3	26	9	0	3	0	0	0	0	0	0	0	0	41
14:00	0	11	7	0	2	0	0	0	0	0	0	0	0	20
15:00	0	12	3	0	2	0	0	0	0	0	0	0	0	17
16:00	0	3	4	0	4	0	0	0	0	0	0	0	0	11
17:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
18:00	1	5	4	0	0	0	0	0	0	0	0	0	0	10
19:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	2.1%	68.4%	21.5%	0.3%	7.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM				-	-									40.00
Peak	11:00	10:00	10:00	07:00	10:00	05:00								10:00
Vol.	2	54	18	1	4	1								76
PM	13:00	13:00	13:00		16:00									13:00
Peak														
Vol.	3	26	9		4									41



Grove Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford NB

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 B Class Site Code: 13279

Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 Axl	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	2	1	0	4	1	0	0	0	0	0	0	0	8
07:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
08:00	0	4	1	1	0	0	0	0	0	0	0	0	0	6
09:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7
10:00	0	16	4	0	3	0	0	0	0	0	0	0	0	23
11:00	0	9	5	0	2	0	0	0	0	0	0	0	0	16
12 PM	0	29	15	0	3	0	0	0	0	0	0	0	0	47
13:00	0	28	7	0	2	0	0	0	0	0	0	0	0	37
14:00	1	29	8	0	1	0	0	0	0	0	0	0	0	39
15:00	0	23	10	0	3	0	0	0	0	0	0	0	0	36
16:00	0	19	11	0	1	0	0	0	0	0	0	0	0	31
17:00	0	16	3	0	1	0	0	0	0	0	0	0	0	20
18:00	0	2	5	0	0	0	0	0	0	0	0	0	0	7
19:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.3%	65.7%	25.6%	0.3%	7.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		10:00	11:00	08:00	06:00	06:00								10:00
Peak		10.00	11.00	00.00	00.00	00.00								10.00
Vol.		16	5	1	4	1								23
PM	14:00	12:00	12:00		12:00									12:00
Peak Vol.	1	29	15		3									47



Grove Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford SB

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 B Speed Site Code: 13279

Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	_Speed_
09/02/																
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
06:00	0	0	2	1	2	0	0	0	0	0	0	0	0	5	32	27
07:00	0	1	3	3	1	0	0	0	0	0	0	0	0	8	28	24
08:00	0	2	11	11	2	0	0	0	0	0	0	0	0	26	28	24
09:00	0	8	3	15	8	2	0	0	0	0	0	0	0	36	31	26
10:00	2	7	29	31	7	0	0	0	0	0	0	0	0	76	28	24
11:00	0	7	9	17	7	1	0	0	0	0	0	0	0	41	30	25
12 PM	2	3	9	7	8	0	0	0	0	0	0	0	0	29	31	24
13:00	3	2	7	14	14	1	0	0	0	0	0	0	0	41	32	26
14:00	2	3	4	6	4	1	0	0	0	0	0	0	0	20	31	24
15:00	1	2	6	5	3	0	0	0	0	0	0	0	0	17	29	24
16:00	0	0	3	4	3	1	0	0	0	0	0	0	0	11	32	28
17:00	0	4	1	5	0	0	0	0	0	0	0	0	0	10	27	23
18:00	1	3	2	3	1	0	0	0	0	0 0	0	0	0 0	10	28	22
19:00	0	•	2	0	0	0	•	0	•	•	0	0	•	2	23	22
20:00 21:00	0	0	2	0	0	0 0	0	0	0	0 0	0 0	0 0	0 0	2 2	23 32	22
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	32 18	25 17
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	*
Total	11	44	94	122	62	6	0	0	0	0	0	0	0	339		
10tai	3.2%	13.0%	27.7%	36.0%	18.3%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	333		
AM						•	0.070	0.070	0.070	0.070	0.070	0.070	0.070			
Peak	10:00	09:00	10:00	10:00	09:00	09:00								10:00		
Vol.	2	8	29	31	8	2								76		
PM									-			-				
Peak	13:00	17:00	12:00	13:00	13:00	13:00								13:00		
Vol.	3	4	9	14	14	1								41		
		· ·				<u> </u>										

Stats

15th Percentile: 18 MPH 50th Percentile: 24 MPH 85th Percentile: 30 MPH 95th Percentile: 33 MPH

 Mean Speed(Average):
 25 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 216

 Percent in Pace:
 63.7%

 Number of Vehicles > 25 MPH:
 166

 Percent of Vehicles > 25 MPH:
 48.8%



Grove Street south of Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford NB

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 B Speed Site Code: 13279

Start																	
1000/2/ 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 11000 110	Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total		Ave
16		14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
01:00																	
02:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-								-	-				*	*
03:00 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-	-					_		-					*	*
04:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		_	0	-	_	_	_	_	-	-	-	_	_	_	0		*
05:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		_	1	-	_		_	-	-	-	-	_	_	-	1	18	17
06:00 2 0 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 8 23 19 07:00 0 0 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0		_	_	-	_	_	_	-	0	-	-	_	_	_	_	*	*
07:00		_	_	•	0	-	_	-	•	-	•	_	-	-	-		*
08:00 0 1 4 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-	5	1	-	-	-	•	-	-	-	_	-	_		
09:00 0 0 1 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0		-	0	1	2	•	-	-	v	-	•	-	_	-	-	_	
10:00		-	1		1	-	_	-	•	-	-	_	-	-			
11:00		_	1	3	3	-	_	-	v	•	-	_	_	_	•		
12 PM			_	7	1	_	_	-	v	-	-	_	_	_	_		
13:00 0 5 8 12 11 1 0 0 0 0 0 0 0 0 0 37 31 26 14:00 2 4 14 14 13 6 0 0 0 0 0 0 0 0 0 0 37 31 26 15:00 1 7 11 11 6 0 0 0 0 0 0 0 0 0 0 0 38 29 24 15:00 1 8 14 6 2 0 0 0 0 0 0 0 0 0 0 36 29 24 16:00 1 8 14 6 2 0 0 0 0 0 0 0 0 0 0 0 31 26 22 17:00 1 2 10 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 20 27 23 18:00 1 0 3 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0		2	4	_		0	-	-	0	0	-	_	_	_	_	_	
14:00		1			-	1	2	-	0	0	-	_	_	_			
15:00		0	_	_			•	0	0	0	0	_	_	_	-	-	
16:00 1 8 14 6 2 0 0 0 0 0 0 0 31 26 22 17:00 1 2 10 6 1 0 0 0 0 0 0 0 0 20 27 23 18:00 1 0 3 1 1 1 0<		2	-		-		-	-	0	-	-	-	_	-			
17:00		1				_	-	0	0	0	•	-	_	_		-	
18:00 1 0 3 1 1 1 1 0 0 0 0 0 0 0 0 0 0 7 33 24 19:00 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0		1			_	2	-	•	0	0	•	-	_	_	_	-	
19:00 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0		1		-	6	1	0	-	•	•	-	_	-	_	_		
20:00 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0		1	-		1	1	1	-	•	-	-	-	_	-	•		
21:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		-	_	2		-	-	-	•	-	-	_	_	-			
21:00		_	-	1	-	-	-	-	•	•	•	_	_	-	-		
23:00 0 <td></td> <td>-</td> <td>•</td> <td>•</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>•</td> <td>•</td> <td>-</td> <td>_</td> <td>-</td> <td>-</td> <td>_</td> <td></td> <td></td>		-	•	•	-	-	-	-	•	•	-	_	-	-	_		
Total 18 47 109 82 29 4 0 0 0 0 0 0 0 0 0 0 289 **Modes** Modes** Mod			-	-	-	-	-	_	-	-	-	-	-	_			
% 6.2% 16.3% 37.7% 28.4% 10.0% 1.4% 0.0% <t< td=""><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*</td><td>*</td></t<>			-			-										*	*
AM Peak		_					-	_	-	-	-	-	-	-	289		
Peak 10:00 10:00 11:00 07:00 Vol. 5 10 7 4 1 PM Peak 14:00 16:00 12:00 13:00 12:00 12:00		6.2%	16.3%	37.7%	28.4%	10.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Vol. 5 10 7 4 1 23 PM Peak 14:00 16:00 12:00 13:00 12:00 12:00		10:00	10:00	10:00	11:00	07:00									10:00		
PM Peak 14:00 16:00 12:00 12:00 12:00 12:00 12:00 12:00																	
Peak 14:00 16:00 12:00 12:00 12:00 12:00 12:00 12:00 12:00		5	10	7	4	1									23		
reak .		14:00	16:00	12:00	12:00	13:00	12:00								12:00		
VOI. 2 0 20 19 11 2 47																	
	VOI.		8	20	19	11									4/		

Stats

15th Percentile: 16 MPH 50th Percentile: 22 MPH 85th Percentile: 28 MPH 95th Percentile: 32 MPH

 Mean Speed(Average):
 23 MPH

 10 MPH Pace Speed:
 20-29 MPH

 Number in Pace:
 191

 Percent in Pace:
 66.1%

 Number of Vehicles > 25 MPH:
 99

 Percent of Vehicles > 25 MPH:
 34.1%

o Shawme Road



Shawme Road north of Highview Drive City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 C Volume Site Code: 13279

Start		SB				NB		,		Comb	in		9/2/2016	
Time	A.M.	OB	P.M.		A.M.	110	P.M.		A.M.	ed	P.M.		Fri	
12:00	0		3		0		2		0		5			
12:15	0		1		Ö		2		Ö		3			
12:30	0		6		Ő		9		Ő		15			
12:45	0	0	7	17	0	0	2	15	0	0	9	32		
01:00	0	U	3	17	0	U	3	13	0	U	6	32		
01:15	0		7		0		4		0		11			
01:30	0		7		0		2		0		9			
		0		21		0	1	10		0		24		
01:45 02:00	0	0	4	21	0 0	0	2	10	0	0	5 4	31		
	0		2						0					
02:15	0		4		0		0		0		4			
02:30	0	0	3	40	1	4	2	_	1	4	5	40		
02:45	0	0	3	12	0	1	2	6	0	1	5	18		
03:00	0		3		0		3		0		6			
03:15	0		4		0		4		0		8			
03:30	0	•	4		0		1	_	0	_	5			
03:45	0	0	2	13	0	0	0	8	0	0	2	21		
04:00	0		3		0		0		0		3			
04:15	0		3		0		4		0		7			
04:30	0		3		0		3		0		6			
04:45	0	0	4	13	1	1	1	8	1	1	5	21		
05:00	0		7		0		1		0		8			
05:15	0		2		0		1		0		3			
05:30	0		2		0		2		0		4			
05:45	0	0	4	15	0	0	0	4	0	0	4	19		
06:00	0		0		0		1		0		1			
06:15	0		1		0		2		0		3			
06:30	0		2		0		0		0		2			
06:45	0	0	3	6	1	1	1	4	1	1	4	10		
07:00	0		6		1		1		1		7			
07:15	0		0		2		1		2		1			
07:30	0		0		2		1		2		1			
07:45	1	1	1	7	7	12	0	3	8	13	1	10		
08:00	1		3		2		0		3		3			
08:15	2		2		5		0		7		2			
08:30	1		0		3		0		4		0			
08:45	1	5	1	6	5	15	0	0	6	20	1	6		
09:00	1		0		2		0		3		0			
09:15	2		0		3		0		5		0			
09:30	3		0		3		0		6		0			
09:45	1	7	0	0	3	11	0	0	4	18	0	0		
10:00	0		0		4		0		4		0			
10:15	0		0		7		0		7		0			
10:30	2		0		7		1		9		1			
10:45	2	4	0	0	8	26	0	1	10	30	0	1		
11:00	1		0		6		0		7		0			
11:15	2		0		3		0		5		0			
11:30	7		0		5		0		12		0			
11:45	3	13	0	0	4	18	Ō	0	7	31	0	0		
Total	30		110		85		59		115		169		,	
Percent	26.1%	6	65.1%		73.9%		34.9%		-					
Day Total		140				14	4			284	4			
Peak	11:00		00:45		10:15		00:30		10:45	_	00:30		_	
Vol.	13	-	24	-	28	-	18	-	34	-	41	-	-	-
P.H.F.	0.464	-	0.857	-	20 0.875	-	0.500	-	0.708	-	0.683	-	-	-
r.n.r.	0.404		0.007		0.075		0.500		0.700		0.003			



Shawme Road north of Highview Drive City, State: Sandwich, MA Client: VHB/ P. Dunford SB

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 C Class Site Code: 13279

Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
09:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
10:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	11	2	0	0	0	0	0	0	0	0	0	0	0	13
12 PM	16	1	0	0	0	0	0	0	0	0	0	0	0	17
13:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
14:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
15:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
16:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
17:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
18:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
19:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
20:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	137	3	0	0	0	0	0	0	0	0	0	0	0	140
Percent	97.9%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	11:00												11:00
Peak														
Vol.	11	2												13
PM	13:00	12:00												13:00
Peak														
Vol.	21	1												21



Shawme Road north of Highview Drive City, State: Sandwich, MA Client: VHB/ P. Dunford NB

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 C Class Site Code: 13279

IND														
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
08:00	13	2	0	0	0	0	0	0	0	0	0	0	0	15
09:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
10:00	26	0	0	0	0	0	0	0	0	0	0	0	0	26
11:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
12 PM	13	2	0	0	0	0	0	0	0	0	0	0	0	15
13:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
14:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
16:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
18:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
19:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	140	4	0	0	0	0	0	0	0	0	0	0	0	144
Percent	97.2%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	10:00	08:00												10:00
Peak														
Vol.	26	2												26
PM	12:00	12:00												12:00
Peak														
Vol.	13	2												15

> Southerly Shawme Road Parking Lot driveway (west of Shawme Road)



Adventure Park Driveway west of Shawmee Road City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 D Volume Site Code: 13249

Start		WB				EB		,		Comb	in		9/2/2016	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		Fri	
12:00	0		6		0		5		0		11			
12:15	Ö		6		Ö		7		Ö		13			
12:30	0		8		0		12		0		20			
12:45	0	0	8	28	0	0	14	38	0	0	22	66		
01:00	0	-	8		Ō	-	13		0	•	21			
01:15	0		5		0		14		0		19			
01:30	Ö		7		Ö		14		Ö		21			
01:45	0	0	6	26	0	0	15	56	Ō	0	21	82		
02:00	Ö	ŭ	7		Ö	ŭ	10		Ö	ŭ	17			
02:15	0		6		0		12		0		18			
02:30	0		5		0		9		Ö		14			
02:45	Ö	0	6	24	Ö	0	8	39	Ö	0	14	63		
03:00	0	Ü	8	2-7	0	· ·	12	00	Ö	Ū	20	00		
03:15	0		4		0		13		0		17			
03:30	0		6		0		8		0		14			
03:45	0	0	3	21	0	0	10	43	0	0	13	64		
04:00	0	U	0	21	0	O	8	70	0	U	8	04		
04:15	0		2		0		6		0		8			
04:30	0		4		0		10		0		14			
04:45	0	0	1	7	0	0	5	29	0	0	6	36		
05:00	0	U	5	,	0	U	7	23	0	U	12	30		
05:00	0		0		0		2		0		2			
05:13			0		0		2		0		2			
	0	0		6		0	3	1.1		0	4	20		
05:45	0	0	1	6	0	0	ა 1	14	0	0		20		
06:00	0		0		0				0		1			
06:15	0		0		0		4		0		4			
06:30	1	2	1	2	0	0	3	12	1	2	4	16		
06:45	1	2	2	3	0	0	5	13	1	2	7	16		
07:00	0		0		0		6		0		6			
07:15	0		0		1		0		1		0			
07:30	1		0	0	1	4	0	•	2	0	0	•		
07:45	3	4	0	0	2	4	0	6	5	8	0	6		
08:00	5		0		1		0		6		0			
08:15	5		0		4		0		9		0			
08:30	3	40	0	•	1	•	0	•	4	07	0	•		
08:45	5	18	0	0	3	9	0	0	8	27	0	0		
09:00	2		0		1		0		3		0			
09:15	8		0		4		0		12		0			
09:30	7	0.4	0	•	1	•	0	•	8	40	0	•		
09:45	14	31	0	0	3	9	0	0	17	40	0	0		
10:00	23		0		1		0		24		0			
10:15	18		0		3		0		21		0			
10:30	26	00	0	^	3	^	0	^	29	404	0	^		
10:45	26	93	0	0	1	8	0	0	27	101	0	0		
11:00	12		0		7		0		19		0			
11:15	26		0		4		0		30		0			
11:30	6		0	_	3		0	•	9		0			
11:45	6	50	0	0	3	17	0	0	9	67	0	0		
Total Percent	198 80.8%		115 32.6%		47 19.2%		238 67.4%		245		353			
Day Total		313				28	5			59	8			
Dools	10.00		00:15		11.00		01.00		10.20		00:45			
Peak	10:00	-	00:15	-	11:00	-	01:00	-	10:30	-	00:45	-	-	
Vol.	93	-	30	-	17 0.607	-	56	-	105	-	83	-	-	•
P.H.F.	0.894		0.938		0.607		0.933		0.875		0.943			



Adventure Park Driveway west of Shawmee Road City, State: Sandwich, MA Client: VHB/ P. Dunford WB

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 D Class Site Code: 13249

Start		Medium	Large										•	
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	2	2	0	0	0	0	0	0	0	0	0	0	0	4
08:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
09:00	31	0	0	0	0	0	0	0	0	0	0	0	0	31
10:00	92	1	0	0	0	0	0	0	0	0	0	0	0	93
11:00	49	1	0	0	0	0	0	0	0	0	0	0	0	50
12 PM	27	1	0	0	0	0	0	0	0	0	0	0	0	28
13:00	25	1	0	0	0	0	0	0	0	0	0	0	0	26
14:00	20	4	0	0	0	0	0	0	0	0	0	0	0	24
15:00	20	1	0	0	0	0	0	0	0	0	0	0	0	21
16:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
18:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	302	11	0	0	0	0	0	0	0	0	0	0	0	313
Percent	96.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	10:00	07:00												10:00
Peak														
Vol.	92	2												93
PM	12:00	14:00												12:00
Peak														
Vol.	27	4												28



Adventure Park Driveway west of Shawmee Road City, State: Sandwich, MA Client: VHB/ P. Dunford

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 D Class Site Code: 13249

Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
09:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
10:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
11:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17
12 PM	38	0	0	0	0	0	0	0	0	0	0	0	0	38
13:00	56	0	0	0	0	0	0	0	0	0	0	0	0	56
14:00	37	2	0	0	0	0	0	0	0	0	0	0	0	39
15:00	43	0	0	0	0	0	0	0	0	0	0	0	0	43
16:00	29	0	0	0	0	0	0	0	0	0	0	0	0	29
17:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
18:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
19:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	283	2	0	0	0	0	0	0	0	0	0	0	0	285
Percent	99.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00													11:00
Peak														
Vol.	17													17
PM	13:00	14:00												13:00
Peak														
Vol.	56	2												56

> Southerly Shawme Road Parking Lot driveway (east of Pocasset Street)



Adventure Park Driveway east of Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 E Volume Site Code: 13279

Start		WB				EB				Combin	1		09/02/16	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		Fri	
12:00	0		2		0		0		0	-	2			
12:15	0		5		Ō		4		0		9			
12:30	0		1		Ō		1		0		2			
12:45	0	0	0	8	0	0	1	6	0	0	1	14		
01:00	Ö	•	1	-	Ö	-	0	-	0	-	1			
01:15	Ö		2		Ő		1		ő		3			
01:30	0		2		Ő		1		Ő		3			
01:45	0	0	0	5	0	0	1	3	0	0	1	8		
02:00	0	U	7	3	0	U	3	3	0	U	10	O		
02:00	0		1		0		1		0		2			
							=		-					
02:30	0	0	3	40	0	^	1	_	0	^	4	40		
02:45	0	0	2	13	0	0	0	5	0	0	2	18		
03:00	0		3		0		1		0		4			
03:15	0		2		0		0		0		2			
03:30	0		1		0		0		0		1			
03:45	0	0	1	7	0	0	0	1	0	0	1	8		
04:00	0		1		0		0		0		1			
04:15	0		2		0		0		0		2			
04:30	0		2		0		0		0		2			
04:45	0	0	0	5	0	0	1	1	0	0	1	6		
05:00	Ö	•	2	-	Ō	-	1		0	-	3	-		
05:15	Ö		0		Ö		0		0		0			
05:30	0		0		0		0		0		0			
05:45	0	0	0	2	0	0	0	1	0	0	0	3		
		U				U		'		U		3		
06:00	0		0		0		0		0		0			
06:15	0		0		0		0		0		0			
06:30	0		1		0		1		0		2			
06:45	0	0	0	1	2	2	0	1	2	2	0	2		
07:00	0		3		0		0		0		3			
07:15	0		0		1		0		1		0			
07:30	0		0		0		0		0		0			
07:45	0	0	0	3	0	1	0	0	0	1	0	3		
08:00	0		0		2		0		2		0			
08:15	1		0		1		0		2		0			
08:30	0		Ō		1		Ö		1		0			
08:45	1	2	Ö	0	3	7	Ö	0	4	9	Ö	0		
09:00	Ö	_	Ö	Ū	0	•	0	Ü	0	J	0	O		
09:00	0		0		0		0		0		0			
09:13	0		0		0		0		0		0			
		4		0		^		^		4		0		
09:45	1	1	0	0	0	0	0	0	1	1	0	0		
10:00	2		0		2		0		4		0			
10:15	0		0		0		0		0		0			
10:30	3		0		1		0		4		0			
10:45	2	7	0	0	2	5	0	0	4	12	0	0		
11:00	5		0		1		0		6		0			
11:15	3		0		0		0		3		0			
11:30	0		0		1		0		1		0			
11:45	1	9	0	0	0	2	0	0	1	11	0	0		
Total	19		44		17		18		36		62			
Percent	52.8%	7	71.0%		47.2%	:	29.0%							
Day Total		63				35				98				
Peak	10:30	_	02:00	_	08:00	_	12:00	_	10:30	_	02:00	_	_	
Vol.	13	_	13	_	7	_	6	_	17	_	18	_	-	
VUI. D Ц Е	13 0.650	-	U 164	-		-	0 0 275	-	1 / 0 700	-	0.450	-	-	
P.H.F.	0.650		0.464		0.583		0.375		0.708		0.450			



Adventure Park Driveway east of Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 E Class Site Code: 13279

WB						Email: dat	arequests@pdillc	.com					Site Cod	ie. 13279
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
09/02/1	Cais	Heavy	licavy											iolai_
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	Ő	0	0	Ő	0	0	0	0	0	0	Ő	0	Ö	Ő
02:00	0	0	0	Ő	0	Õ	0	Õ	0	0	0	0	0	Ő
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	Ö	Ō	0	Ö	Ō	Ō	0	Ō	0	Ö	Ö	Ö	0	Ö
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	6	1	0	0	0	0	0	0	0	0	0	0	0	7
11:00	8	1	0	0	0	0	0	0	0	0	0	0	0	9
12 PM	7	1	0	0	0	0	0	0	0	0	0	0	0	8
13:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5
14:00	12	1	0	0	0	0	0	0	0	0	0	0	0	13
15:00	6	1	0	0	0	0	0	0	0	0	0	0	0	7
16:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	57	6	0	0	0	0	0	0	0	0	0	0	0	63
Percent	90.5%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00												11:00
Vol.	8	1												9
PM	14:00	12:00												14:00
Peak Vol.	12	1												13



Adventure Park Driveway east of Pocasset Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 E Class Site Code: 13279

EB						Email: dat	arequests@pdillc	.com					Site Cou	e. 13279
Start	-	Medium	Large									-		
Time	Cars	Heavy	Heavy											Total
09/02/1	<u> </u>	110017	riouvy											<u> </u>
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	6	0	0	0	0	0	0	0	0	0	0	0	0	6
13:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
14:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
15:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	00
Total	35	0	0	0	0	0	0	0	0	0	0	0	0	35
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	08:00													08:00
Peak Vol.	7													7
PM						-						-		
Peak	12:00													12:00
Vol.	6													6
v OI.	U													U

Northerly Grove Street Parking Lot driveway (east of Grove Street)



Heritage Museum Driveway south of Grove Street City, State: Sandwich, MA Client: VHB/ P. Dunford

46 Morton Street, Framingham, MA 01702 Office: 508-875-0100 Fax: 508-875-0118 Email: datarequests@pdillc.com 165251 F Volume Site Code: 13279

Start		SB			,	NB			,	Comb	in		9/2/2016	
Time	A.M.	OB	P.M.		A.M.	110	P.M.		A.M.	ed	P.M.		Fri	
12:00	0		2		0		7		0		9			
12:15	0		1		0		6		Ö		7			
12:30	0		8		0		9		0		17			
12:45	0	0	6	17	0	0	8	30	0	0	14	47		
01:00	0	U	5	17	0	U	4	30	0	U	9	41		
01:00	0		6		0		4		0		10			
01:13	0		6		0		6		0		12			
01:30		0	10	27	0	0	7	21	0	0	17	48		
02:00	0 0	U	2	21	0	U	5	21	0	U	7	40		
											10			
02:15	0		5		0		5		0					
02:30	0	^	1	40	0	^	3	40	0	^	4	20		
02:45	0	0	2	10	0	0	6	19	0	0	8	29		
03:00	0		5		0		7		0		12			
03:15	0		2		0		5		0		7			
03:30	0		2		0		5		0		7			
03:45	0	0	9	18	0	0	7	24	0	0	16	42		
04:00	0		1		0		2		0		3			
04:15	0		2		0		7		0		9			
04:30	0		1		0		9		0		10			
04:45	0	0	3	7	0	0	13	31	0	0	16	38		
05:00	0		3		0		10		0		13			
05:15	0		0		0		3		0		3			
05:30	0		0		0		5		0		5			
05:45	2	2	0	3	1	1	0	18	3	3	0	21		
06:00	0		1		1		0		1		1			
06:15	0		0		0		1		0		1			
06:30	0		0		0		0		0		0			
06:45	2	2	1	2	0	1	1	2	2	3	2	4		
07:00	0		0		1		0		1		0			
07:15	1		0		0		Ō		1		0			
07:30	2		0		3		0		5		0			
07:45	1	4	Ö	0	2	6	Ö	0	3	10	Ö	0		
08:00	4	•	Ö	ŭ	1	ŭ	0	ŭ	5		0	ŭ		
08:15	5		Ö		2		Ő		7		Ö			
08:30	5		0		1		0		6		Ő			
08:45	14	28	0	0	3	7	0	0	17	35	0	0		
09:00	7	20	0	Ü	0	•	0	Ü	7	00	0	O		
09:15	9		0		0		0		9		0			
09:13			0		1		0		17		0			
09.30	16 3	35	0	0	2	3	0	0	5	38	0	0		
10:00	3 4	33	0	U	2	3	0	U	5 6	30	0	U		
			0		1		0		4		0			
10:15	3		_											
10:30	0	40	0	^	2	_	0	^	2	47	0	0		
10:45	5	12	0	0	0	5	0	0	5	17	0	0		
11:00	2		0		4		0		6		0			
11:15	2		0		4		0		6		0			
11:30	4	40	0	^	2	40	0	^	6	0.5	0	^		
11:45	5	13	0	0	2	12	0	0	7	25	0	0		
Total	96		84		35		145		131		229			
Percent	73.3%		36.7%		26.7%		63.3%							
Day Total		180)			18	0			36	0			
Peak	08:45	-	01:00	-	11:00	-	04:15	-	08:45	-	00:30	-	-	-
Vol.	46	-	27	-	12	_	39	_	50	-	50	-	-	-
P.H.F.	0.719		0.675		0.750		0.750		0.735		0.735			
	-		-											



Heritage Museum Driveway south of Grove Street City, State: Sandwich, MA Client: VHB/ P. Dunford

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 F Class Site Code: 13279

Start		Medium	Large			·	•			•	•		•	
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	3	1	0	0	0	0	0	0	0	0	0	0	0	4
08:00	27	1	0	0	0	0	0	0	0	0	0	0	0	28
09:00	34	1	0	0	0	0	0	0	0	0	0	0	0	35
10:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
11:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
12 PM	17	0	0	0	0	0	0	0	0	0	0	0	0	17
13:00	27	0	0	0	0	0	0	0	0	0	0	0	0	27
14:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
15:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
16:00	5	2	0	0	0	0	0	0	0	0	0	0	0	7
17:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	173	7	0	0	0	0	0	0	0	0	0	0	0	180
Percent	96.1%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	09:00	05:00												09:00
Peak														
Vol.	34	2												35
PM	13:00	16:00												13:00
Peak														
Vol.	27	2												27



Heritage Museum Driveway south of Grove Street City, State: Sandwich, MA Client: VHB/ P. Dunford NB

D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

165251 F Class Site Code: 13279

Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
09/02/1														
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00	4	2	0	0	0	0	0	0	0	0	0	0	0	6
08:00	6	1	0	0	0	0	0	0	0	0	0	0	0	7
09:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00	11	1	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	30	0	0	0	0	0	0	0	0	0	0	0	0	30
13:00	20	1	0	0	0	0	0	0	0	0	0	0	0	21
14:00	19	0	0	0	0	0	0	0	0	0	0	0	0	19
15:00	24	0	0	0	0	0	0	0	0	0	0	0	0	24
16:00	30	1	0	0	0	0	0	0	0	0	0	0	0	31
17:00	17	1	0	0	0	0	0	0	0	0	0	0	0	18
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	171	9	0	0	0	0	0	0	0	0	0	0	0	180
Percent	95.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00												11:00
Vol.	11	2												12
PM	12:00	13:00												16:00
Peak														
Vol.	30	1												31

> Capacity Analysis

o Pine Street at Jonathan Lane

Intersection							
Int Delay, s/veh	1.7						
int belay, siven	1.7						
Movement	WBL	WBR		NBT	NBR	SBL	SBT
Vol, veh/h	2	6		41	2	4	31
Conflicting Peds, #/hr	1	1		0	1	1	0
Sign Control	Stop	Stop		Free	Free	Free	Free
RT Channelized	-	None		-	None	-	None
Storage Length	0	-		-	-	-	-
Veh in Median Storage, #	0	-		0	-	-	0
Grade, %	0	-		0	-	-	0
Peak Hour Factor	40	40		75	75	78	78
Heavy Vehicles, %	0	0		0	50	0	5
Mvmt Flow	5	15		55	3	5	40
Major/Minor	Minor1			Major1		Major2	
Conflicting Flow All	107	58		0	0	58	0
Stage 1	57	-		-	-		-
Stage 2	50	-		-		-	-
Critical Hdwy	6.4	6.2		-	-	4.1	-
Critical Hdwy Stg 1	5.4	-		-		-	-
Critical Hdwy Stg 2	5.4	-		-	-	-	-
Follow-up Hdwy	3.5	3.3		-		2.2	-
Pot Cap-1 Maneuver	895	1014		-	-	1559	-
Stage 1	971	-		-		-	-
Stage 2	978	-		-	-	-	-
Platoon blocked, %				-	-		-
Mov Cap-1 Maneuver	891	1012		-	-	1558	-
Mov Cap-2 Maneuver	891	-		-	-	-	-
Stage 1	970	-		-	-	-	-
Stage 2	974	-		-	-	-	-
Approach	WB			NB		SB	
HCM Control Delay, s	8.8			0		0.8	
HCM LOS	0.0 A			0		0.0	
HOM EOO							
Mineral and Marien Marie	NOT	NDD WDL 4	CDI	CDT			
Minor Lane/Major Mvmt	NBT	NBR WBLn1	SBL	SBT			
Capacity (veh/h)	-	- 979	1558	-			
HCM Lane V/C Ratio	-	- 0.02	0.003	-			
HCM Control Delay (s)	-	- 8.8	7.3	0			
HCM Lane LOS	-	- A	A	Α			
HCM 95th %tile Q(veh)	-	- 0.1	0	-			

Intersection								
Int Delay, s/veh	1.1							
Movement	WBL	WBR			NBT	NBR	SBL	SBT
Vol, veh/h	4	1			35	1	1	40
Conflicting Peds, #/hr	6	6			0	6	6	0
Sign Control	Stop	Stop			Free	Free	Free	Free
RT Channelized	-	None			-	None	-	None
Storage Length	0	-			-	-	-	-
Veh in Median Storage, #	0	-			0	-	-	0
Grade, %	0	-			0	-	-	0
Peak Hour Factor	42	42			75	75	79	79
Heavy Vehicles, %	25	0			3	0	0	0
Mvmt Flow	10	2			47	1	1	51
Major/Minor	Minor1			M	ajor1		Major2	
Conflicting Flow All	106	59			0	0	54	0
Stage 1	53	-			-	-	-	-
Stage 2	53	-			-	-	-	-
Critical Hdwy	6.65	6.2			-	-	4.1	-
Critical Hdwy Stg 1	5.65	-			-	-	-	-
Critical Hdwy Stg 2	5.65	-			-	-	-	-
Follow-up Hdwy	3.725	3.3			-	-	2.2	-
Pot Cap-1 Maneuver	839	1012			-	-	1564	-
Stage 1	914	-			-	-	-	-
Stage 2	914	-			-	-	-	-
Platoon blocked, %					-	-		-
Mov Cap-1 Maneuver	830	1002			-	-	1556	-
Mov Cap-2 Maneuver	830	-			-	-	-	-
Stage 1	909	-			-	-	-	-
Stage 2	909	-			-	-	-	-
<u> </u>								
Approach	WB				NB		SB	
HCM Control Delay, s	9.2				0		0.2	
HCM LOS	А							
Minor Lane/Major Mvmt	NBT	NBR WBLn1	SBL	SBT				
Capacity (veh/h)	-	- 860	1556	-				
HCM Lane V/C Ratio	-	- 0.014	0.001	-				
HCM Control Delay (s)	-	- 9.2	7.3	0				
HCM Lane LOS	-	- A	Α	Α				
HCM 95th %tile Q(veh)	-	- 0	0	-				

o Grove Street at Jonathan Lane

Intercaction								
Intersection Int Delay, s/veh	1.6							
int Delay, Siveri	1.0							
Movement	EBL	F	BR	NBL	NBT	SBT	SBR	
Vol, veh/h	4		1	4	48	6		
Conflicting Peds, #/hr	0		0	0	0	0		
Sign Control	Stop	C	top	Free	Free	Free		
RT Channelized	310p		one	-	None	-		
Storage Length	0	14	-		TNOTIC			
Veh in Median Storage, #	0				0	0		
Grade, %	0		-		0	0		
Peak Hour Factor	42		42	87	87	70		
Heavy Vehicles, %	25		0	0	0	0		
Mvmt Flow	10		2	5	55	9		
Major/Minor	Minera			Moior1		M-10		
Major/Minor Conflicting Flow All	Minor2 78		14	Major1 20	0	Major2	0	
	78 14		14	20				
Stage 1	64				-		-	
Stage 2	6.65		6.2		-		_	
Critical Hdwy Critical Hdwy Stg 1	5.65		0.2	4.1	-	-	-	
Critical Hdwy Stg 2	5.65			-			-	
Follow-up Hdwy	3.725		3.3	2.2	-	-		
Pot Cap-1 Maneuver	3.725 871		3.3)72	1609			-	
Stage 1	952			1009		-		
Stage 2	903							
Platoon blocked, %	903		-		-			
Mov Cap-1 Maneuver	868	1)72	1609			-	
Mov Cap-1 Maneuver	868		-	1007			-	
Stage 1	952					_		
Stage 2	900							
July L	700							
Approach	EB			NB		SB		
HCM Control Delay, s	9			0.6		0		
HCM LOS	A			0.0				
HOW LOS	А							
Minor Lane/Major Mvmt	NBL	NBT EB	_n1 SB⁻	T SBR				
Capacity (veh/h)	1609							
HCM Lane V/C Ratio	0.003							
HCM Control Delay (s)	7.2	0						
HCM Lane LOS	7.2 A	A						
HCM 95th %tile Q(veh)	0	-						
TOWN 75th 70the Q(Veri)	U	-	U	-				

Int Delay, sixeh							
Movement	Intersection						
Movement	Int Delay, s/veh	0.6					
Vol, vehith 1 2 0 24 44 4 Conflicting Peds, #hr 1 1 1 1 0 0 1 Sign Control Stop Stop Stop Free							
Vol, vehith 1 2 0 24 44 4 Conflicting Peds, #hr 1 1 1 1 0 0 1 Sign Control Stop Stop Stop Free	Movement	FRI	FRR	NRI	NBT	SRT	SBR
Conflicting Peds, #/hr 1 1 1 0 0 0 1 1 Sign Control Stop Stop Free Free Free Free Free Free Free Fre							
Sign Control Stop Stop Free E A Veh In Maiota 0 0 0 0 0 0 0 0 0 0 0 0 0 <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>•</td>		•					•
RT Channelized - None - None Storage Length 0		Stop					Free
Veh in Median Storage, # 0 - - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 0 - 0 0 0 0 75 </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
Grade, % 0 - - 0 0 - 75 20 20 20 20<		0		-		-	-
Grade, % 0 - - 0 0 - 75<		0	-	-	0	0	-
Heavy Vehicles, % 0 0 0 0 4 5 25		0	-	-	0	0	-
Major/Minor Minor2 Major1 Major2 Major3 Major4 Major5 Major6 Major6 Major7 Major7 Major8 Major8 Major9 Major	Peak Hour Factor	38	38	60	60	75	75
Major/Minor Minor2 Major1 Major2	Heavy Vehicles, %	0	0	0		5	25
Conflicting Flow All 102 63 65 0 - 0	Mvmt Flow	3	5	0	40	59	5
Conflicting Flow All 102 63 65 0 - 0 Stage 1 62 - - - - - Stage 2 40 - - - - Critical Hdwy 6.4 6.2 4.1 - - Critical Hdwy Stg 1 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 901 1007 1550 - - Stage 1 966 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 965 - - - Stage 1 965 - - - Stage 1 965 - - - Stage 2 987 - - - Stage 2 987 - - - Stage 2 987 - - - Follow-up Hdwy 967 - Follow-u							
Conflicting Flow All 102 63 65 0 - 0 Stage 1 62 - - - - - Stage 2 40 - - - - Critical Hdwy 6.4 6.2 4.1 - - Critical Hdwy Stg 1 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 901 1007 1550 - - Stage 1 966 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 965 - - - Stage 1 965 - - - Stage 1 965 - - - Stage 2 987 - - - Stage 2 987 - - - Stage 2 987 - - - Follow-up Hdwy 967 - Follow-u	Maior/Minor	Minor2		Maior1		Maior2	
Stage 1 62 - - - - - -			63		0		0
Stage 2			-			-	-
Critical Hdwy 6.4 6.2 4.1 - - - Critical Hdwy Stg 1 5.4 - - - - - Critical Hdwy Stg 2 5.4 - - - - - Follow-up Hdwy 3.5 3.3 2.2 - - - Follow-up Hdwy 3.5 3.3 2.2 - - - - Pot Cap-1 Maneuver 901 1007 1550 - - - - Stage 1 966 - - - - - - - Stage 2 988 -		40	-	-	-	-	-
Critical Hdwy Stg 2 5.4 -		6.4	6.2	4.1	-	-	-
Follow-up Hdwy 3.5 3.3 2.2	Critical Hdwy Stg 1	5.4	-	-	-	-	-
Pot Cap-1 Maneuver 901 1007 1550 - </td <td>Critical Hdwy Stg 2</td> <td>5.4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Critical Hdwy Stg 2	5.4	-	-	-	-	-
Stage 1 966 -		3.5			-	-	-
Stage 2 988 -			1007	1550	-	-	-
Platoon blocked, %			-	-	-	-	-
Mov Cap-1 Maneuver 899 1005 1549 - </td <td></td> <td>988</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>		988	-	-	-	-	-
Mov Cap-2 Maneuver 899 -					-	-	-
Stage 1 965 -			1005	1549	-	-	-
Stage 2 987 -			-	-	-	-	-
Approach EB NB SB HCM Control Delay, s 8.8 0 0 HCM LOS A A O 0 Minor Lane/Major Mvmt NBL NBT EBLn1 SBR SBR Capacity (veh/h) 1549 - 967 - - - - HCM Lane V/C Ratio - <t< td=""><td></td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>			-	-	-	-	-
HCM Control Delay, s 8.8 0 0	Stage 2	987	-	-	-	-	-
HCM Control Delay, s 8.8 0 0							
Minor Lane/Major Mvmt NBL NBT EBLn1 SBR Capacity (veh/h) 1549 - 967 - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	Approach	EB		NB		SB	
Minor Lane/Major Mvmt NBL NBT EBLn1 SBR Capacity (veh/h) 1549 - 967 - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	HCM Control Delay, s	8.8		0		0	
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	HCM LOS	А					
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -							
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT SBR			
HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -							
HCM Control Delay (s) 0 - 8.8 HCM Lane LOS A - A							
HCM Lane LOS A - A		0					
HCM 95th %tile Q(veh) 0 - 0		А					
	HCM 95th %tile Q(veh)	0	- 0				

o Shawme Road at Highview Drive

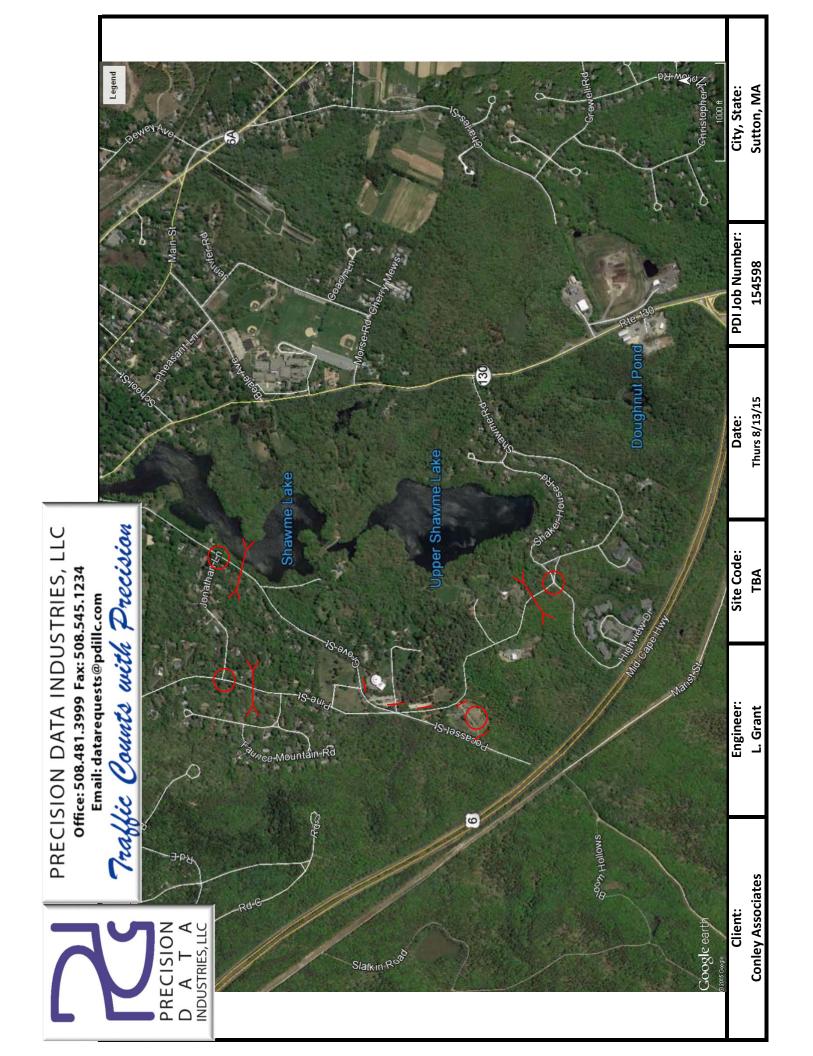
Intersection Int Delay, s/veh	6.6													
int Boldy, sivon	0.0													
Movement	EBL	EBT	EBR		WBL	WBT	WBR		NBL	NBT	NBR	SBL	SBT	SBI
Vol, veh/h	1	7	5		0	9	4		6	2	1	2	13	(
Conflicting Peds, #/hr	0	0	0		0	0	0		0	0	0	0	0	(
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop		Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None		-	-	None		-	-	None	-	-	None
Storage Length	-	-	-		-	-	-		-	-	-	-	-	
Veh in Median Storage, #	-	0	-		-	0	-		-	0	-	-	0	
Grade, %	-	0	-		-	0	-		-	0	-	-	0	
Peak Hour Factor	41	41	41		88	88	88		75	75	75	88	88	88
Heavy Vehicles, %	0	0	20		0	0	0		17	0	100	0	0	(
Mvmt Flow	2	17	12		0	10	5		8	3	1	2	15	(
Major/Minor	Minor2				Minor1				Major1			Major2		
Conflicting Flow All	46	39	15		53	38	3		15	0	0	4	0	(
Stage 1	19	19	-		19	19	-		-	-	-	-	-	
Stage 2	27	20	-		34	19	-		-	-		-	-	
Critical Hdwy	7.1	6.5	6.4		7.1	6.5	6.2		4.27	-	-	4.1	-	
Critical Hdwy Stg 1	6.1	5.5	-		6.1	5.5	-		-	-	-	-	-	
Critical Hdwy Stg 2	6.1	5.5	-		6.1	5.5	-		-	-	-	-	-	
Follow-up Hdwy	3.5	4	3.48		3.5	4	3.3		2.353	-	-	2.2	-	
Pot Cap-1 Maneuver	961	857	1015		951	858	1087		1510	-	-	1631	-	
Stage 1	1005	884	-		1005	884	-		-	-	-	-	-	
Stage 2	996	883	-		987	884	-		-	-	-	-	-	
Platoon blocked, %										-	-		-	
Mov Cap-1 Maneuver	944	852	1015		921	853	1087		1510	-	-	1631	-	
Mov Cap-2 Maneuver	944	852	-		921	853	-		-	-	-	-	-	
Stage 1	1000	883	-		1000	880	-		-	-	-	-	-	
Stage 2	975	879	-		955	883	-		-	-	-	-	-	
Approach	EB				WB				NB			SB		
HCM Control Delay, s	9.1				9				4.9			1		
HCM LOS	А				Α									
		NDT	NDF		WDI -	0.01	0.0.T	000						
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR						
Capacity (veh/h)	1510	-	-	915	914	1631	-	-						
HCM Lane V/C Ratio	0.005	-	-	0.035	0.016	0.001	-	-						
	7.4	0	-	9.1	9	7.2	0							
HCM Control Delay (s) HCM Lane LOS	7.4 A	A		A	Á	Α.Δ	A							

Intersection	7										
Int Delay, s/veh	1										
Movement	EBL	EBT	EBR		WBL	WBT	WBR	N	NBL	NBT	NBR
Vol, veh/h	2	8	2		1	7	9		3	2	C
Conflicting Peds, #/hr	1	0	1		0	0	0		1	0	C
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	F	ree	Free	Free
RT Channelized	-	-	None		-	-	None		-	-	None
Storage Length	-	-	-		-	-	-		-	-	
Veh in Median Storage, #	-	0	-		-	0	-		-	0	
Grade, %	-	0	-		-	0	-		-	0	
Peak Hour Factor	75	75	75		71	71	71		63	63	63
Heavy Vehicles, %	0	0	0		0	0	0		0	0	0
Mvmt Flow	3	11	3		1	10	13		5	3	0
Major/Minor	Minor2				Minor1			Ma	jor1		
Conflicting Flow All	31	20	8		27	22	4		9	0	0
Stage 1	7	7	-		13	13	-		-	-	-
Stage 2	24	13	-		14	9	-		-	-	-
Critical Hdwy	7.1	6.5	6.2		7.1	6.5	6.2		4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-		6.1	5.5	-		-	-	-
Critical Hdwy Stg 2	6.1	5.5	-		6.1	5.5	-		-	-	-
Follow-up Hdwy	3.5	4	3.3		3.5	4	3.3		2.2	-	-
Pot Cap-1 Maneuver	982	878	1080		988	876	1085	1	624	-	-
Stage 1	1020	894	-		1013	889	-		-	-	-
Stage 2	999	889	-		1011	892	-		-	-	-
Platoon blocked, %										-	-
Mov Cap-1 Maneuver	958	875	1078		973	873	1084	1	623	-	-
Mov Cap-2 Maneuver	958	875	-		973	873	-		-	-	-
Stage 1	1016	893	-		1010	886	-		-	-	-
Stage 2	973	886	-		996	891	-		-	-	-
Approach	EB				WB				NB		
HCM Control Delay, s	9				8.8				4.3		
HCM LOS	А				А						
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)	1623	-	NDIX	917	980	1631	-	- JDIN			
HCM Lane V/C Ratio	0.003	-	-	0.017	0.024	1031	-	<u>-</u>			
HCM Control Delay (s)	7.2	0	-	9	8.8	0	-	-			
HCM Lane LOS	7.2 A	A	-	A	Α	A	-	<u>-</u>			
HCM 95th %tile Q(veh)	0	- A	-	0.1	0.1	0	-	-			
HOW FOUT MILE Q(VEH)	U	-	-	U. I	U. I	U	-	-			

Intersection			
Int Delay, s/veh			
,			
Movement	SBL	SBT	SBR
Vol, veh/h	0	2	2 2
Conflicting Peds, #/hr	0	0	1
Sign Control	Free	Free	Free
RT Channelized			None
	-	-	
Storage Length	-	-	-
Veh in Median Storage, #	-	0	-
Grade, %	-	0	-
Peak Hour Factor	50	50	50
Heavy Vehicles, %	0	0	0
Mvmt Flow	0	4	4
Major/Minor	Major2		
Conflicting Flow All	3	0	0
Stage 1	-	-	-
Stage 2	<u>-</u>		
Critical Hdwy	4.1	-	_
	4.1	-	-
Critical Hdwy Stg 1			
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	2.2	-	-
Pot Cap-1 Maneuver	1632	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	1631	-	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Approach	SB		
HCM Control Delay, s	0		
HCM LOS	0		
HOW LOO			
Minor Lane/Major Mvmt			

2015 APPENDIX

- > Automatic Traffic Recorder Counts (volumes/speeds)
- > Arrival Pattern Observations
- > Turning Movement Counts
- > Capacity Analysis
- **>** Parking Counts



> Automatic Traffic Recorder Counts (volumes/speeds)

o Pine Street



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Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 AxI	<6 AxI	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/27/1	DIKES	Trailers	Long	Duses	o nie	Sirigle	Sirigie	Double	Double	Double	iviuiti	iviuiti	iviuiti	TOlai
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
06:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
07:00	0	12	7	0	1	0	0	0	0	0	0	0	0	20
08:00	0	9	2	0	1	0	Ö	0	0	0	0	0	0	12
09:00	0	23	9	0	1	0	0	0	0	0	0	0	0	33
10:00	0	15	7	0	4	0	Ö	0	0	0	0	0	0	26
11:00	0	17	13	0	1	0	0	0	0	0	0	0	0	31
12 PM	0	27	12	0	2	0	0	0	0	0	0	0	0	41
13:00	0	35	9	0	2	0	0	0	0	0	0	0	0	46
14:00	0	25	14	0	3	0	0	0	0	0	0	0	0	42
15:00	0	26	8	0	0	0	0	0	0	0	0	0	0	34
16:00	1	19	7	0	3	0	0	1	0	0	0	0	0	31
17:00	0	19	8	0	0	0	0	0	0	0	0	0	0	27
18:00	0	11	4	0	0	0	0	0	0	0	0	0	0	15
19:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
20:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
21:00	0	1	0	0	2	0	0	0	0	0	0	0	0	3
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1_
Total	1	253	105	0	22	0	0	1	0	0	0	0	0	382
Percent	0.3%	66.2%	27.5%	0.0%	5.8%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		09:00	11:00		10:00									09:00
Peak														
Vol.		23	13		4									33
PM	16:00	13:00	14:00		14:00			16:00						13:00
Peak														
Vol.	1	35	14		3			1						46



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NB						Office: 508.48	1.3999 Fax: 50 arequests@po					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/28/1														
5	0	1	0	0	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
06:00	0	5	3	1	1	0	0	0	0	0	0	0	0	10
07:00	0	6	2	0	0	0	0	0	1	0	0	0	0	9
08:00	0	13	6	0	1	0	0	0	0	0	0	0	0	20
09:00	0	26	15	0	2	0	0	0	0	0	0	0	0	43
10:00	0	11	6	0	3	0	0	0	0	0	0	0	0	20
11:00	0	15	6	0	1	0	0	0	0	0	0	0	0	22
12 PM	0	27	11	0	3	0	0	0	0	0	0	0	0	41
13:00	0	40	20	0	7	0	0	0	0	0	0	0	0	67
14:00	0	36	14	0	2	0	0	0	0	0	0	0	0	52
15:00	0	38	13	0	1	0	0	0	0	0	0	0	0	52
16:00	1	30	14	0	2	0	0	0	0	0	0	0	0	47
17:00	0	22	10	0	2	0	0	0	0	0	0	0	0	34
18:00	0	14	3	0	0	0	0	0	0	0	0	0	0	17
19:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	299	127	1	26	0	0	0	1	0	0	0	0	455
Percent	0.2%	65.7%	27.9%	0.2%	5.7%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM		09:00	09:00	06:00	10:00				07:00					09:00
Peak Vol.		26	15	1	3				1					43
PM				<u> </u>					l l					
Peak	16:00	13:00	13:00		13:00									13:00
Vol.	1	40	20		7									67



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NB						Office: 508.487 Email: data	1.3999 Fax: 50 arequests@po					Dat	e Start. Zi	-Aug-13
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 AxI	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/29/1														
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	0	1	2	0	0	0	0	0	0	0	0	5
07:00	0	5	5	0	1	0	0	0	0	0	0	0	0	11
08:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
09:00	0	15	7	0	2	0	0	0	0	0	0	0	0	24
10:00	0	12	5	0	0	0	0	0	0	0	0	0	0	17
11:00	0	16	7	0	2	0	0	0	0	0	0	0	0	25
12 PM	0	22	9	0	5	0	0	0	0	0	0	0	0	36
13:00	0	19	10	0	1	0	0	0	0	0	0	0	0	30
14:00	0	33	9	0	4	0	0	0	0	0	0	0	0	46
15:00	0	17	9	0	3	0	0	0	0	0	0	0	0	29
16:00	0	27	6	0	1	0	0	0	0	0	0	0	0	34
17:00	0	21	9	0	2	0	0	0	0	0	0	0	0	32
18:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
19:00	0	8	4	0	0	0	0	0	0	0	0	0	0	12
20:00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
21:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	200	0 90	0	0 24	0	0	0	0	0	0	0	0	337
Total	-	222		•		0	-	0	0	0	0	0	0	337
Percent AM	0.0%	65.9%	26.7%	0.3%	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Peak		11:00	09:00	06:00	06:00									11:00
Vol.		16	7	1	2									25
PM				<u> </u>										
Peak		14:00	13:00		12:00									14:00
Vol.		33	10		5									46
Total		774	322	2	72	0	0	1	1	0	0	0	0	1174



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SB						Office: 508.48 Email: data	1.3999 Fax: 50 irequests@po					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/27/1														
5	0	1	0	0	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
06:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
07:00	0	5	1	0	1	0	0	1	0	0	0	0	0	8
08:00	0	11	13	0	3	0	0	0	0	0	0	0	0	27
09:00	0	20	16	0	1	0	0	0	0	0	0	0	0	37
10:00	0	30	11	0	1	0	0	0	0	0	0	0	0	42
11:00	0	23	10	0	3	0	0	0	0	0	0	0	0	36
12 PM	2	16	14	0	2	0	0	1	0	0	0	0	0	35
13:00	0	16	9	0	2	0	0	0	0	0	0	0	0	27
14:00	0	24	9	0	1	0	0	0	0	0	0	0	0	34
15:00	0	15	9	0	0	0	0	1	0	0	0	0	0	25
16:00	0	5	11	0	2	0	0	0	0	0	0	0	0	18
17:00	0	9	8	0	2	0	0	1	0	0	0	0	0	20
18:00	0	11	4	0	2	0	0	0	0	0	0	0	0	17
19:00	0	7	2	0	2	0	0	0	0	0	0	0	0	11
20:00	0	5	4	0	0	0	0	0	0	0	0	0	0	9
21:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	2	0 209	0 123	0	0 26	0	0	<u> </u>	0	0	0	0	0	364
Total	0.5%	209 57.4%	33.8%	0.0%	26 7.1%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0 0.0%	0.0%	304
Percent AM	0.5%	37.4%	33.0%	0.0%	1.170	0.0%	0.0%	1.170	0.0%	0.0%	0.0%	0.0%	0.0%	
Peak		10:00	09:00		08:00			07:00						10:00
Vol.		30	16		3			1						42
PM	40.00							40.00						
Peak	12:00	14:00	12:00		12:00			12:00						12:00
Vol.	2	24	14		2			1						35



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SB						Office: 508.48 Email: data	1.3999 Fax: 50 arequests@pd					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/28/1														
5	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
06:00	0	3	0	1	0	0	0	0	1	0	0	0	0	5
07:00	0	5	6	0	3	0	0	0	0	0	0	0	0	14
08:00	0	11	9	0	2	0	0	0	0	0	0	0	0	22
09:00	0	13	14	0	1	0	0	0	0	0	0	0	0	28
10:00	2	43	29	0	2	0	0	0	0	0	0	0	0	76
11:00	0	22	15	0	2	0	0	0	0	0	0	0	0	39
12 PM	0	22	22	0	3	0	0	0	0	0	0	0	0	47
13:00	0	24	11	0	7	0	0	0	0	0	0	0	0	42
14:00	0	19	11	0	0	0	0	1	0	0	0	0	0	31
15:00	0	15	8	0	2	0	0	0	0	0	0	0	0	25
16:00	2	11	12	0	1	0	0	0	0	0	0	0	0	26
17:00	0	7	4	0	3	0	0	0	0	0	0	0	0	14
18:00	0	14	4	0	1	0	0	0	0	0	0	0	0	19
19:00	0	6	4	0	3	0	0	0	0	0	0	0	0	13
20:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
21:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
22:00	0	2 2	1	0	0	0	0	0	0	0	0	0	0	3
23:00 Total	<u>0</u>	229	0 155	0	34	0	0	0	0	0	0	0	0	425
Percent	0.9%	53.9%	36.5%	0.2%	8.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	425
AM	0.9%	33.9%	30.5%	0.270	0.0%	0.0%	0.0%	0.276		0.0%	0.0%	0.0%	0.0%	
Peak	10:00	10:00	10:00	06:00	07:00				06:00					10:00
Vol.	2	43	29	1	3				1					76
PM	16:00	13:00	12:00		13:00			14:00						12:00
Peak					7			4						
Vol.	2	24	22		/			1						47



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SB						Office: 508.487 Email: data	1.3999 Fax: 50 arequests@pd					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/29/1														
5	0	0	2	0	0	0	0	0	0	0	0	0	0	2
01:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	2	1	0	0	0	0	0	0	0	0	0	3
07:00	0	3	4	0	4	0	0	0	0	0	0	0	0	11
08:00	0	7	3	0	1	0	0	0	0	0	0	0	0	11
09:00	0	13	10	0	3	0	0	0	0	0	0	0	0	26
10:00	0	18	8	0	2	0	0	0	0	0	0	0	0	28
11:00	0	24	14	0	2	0	0	0	0	0	0	0	0	40
12 PM	0	24	16	0	5	0	0	0	0	0	0	0	0	45
13:00	0	21	9	0	3	0	0	0	0	0	0	0	0	33
14:00	0	20	9	0	5	0	0	0	0	0	0	0	0	34
15:00	0	15	8	0	3	0	0	0	0	0	0	0	0	26
16:00	0	6	4	0	3	0	0	0	0	0	0	0	0	13
17:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
18:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
19:00	0	3	4	0	1	0	0	0	0	0	0	0	0	8
20:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
21:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	178	105	1	35	0	0	0	0	0	0	0	0	320
Percent	0.3%	55.6%	32.8%	0.3%	10.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	05:00	11:00	11:00	06:00	07:00									11:00
Vol.	1	24	14	1	4									40
PM		12:00	12:00		12:00									12:00
Peak					12.00									
Vol.		24	16		5									45
Total		616	383	2	95	0	0	5	1	0	0	0	0	1109



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154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

NB						0	Email: data	requests@po	dillc.com							_
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/27/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	18	17
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
06:00	0	0	0	1	1	1	0	0	0	0	0	0	0	3	36	32
07:00	0	1	3	8	8	0	0	0	0	0	0	0	0	20	32	28
08:00	0	0	9	1	2	0	0	0	0	0	0	0	0	12	29	24
09:00	0	3	12	15	3	0	0	0	0	0	0	0	0	33	28	25
10:00	0	2	8	12	4	0	0	0	0	0	0	0	0	26	29	25
11:00	1	2	12	11	5	0	0	0	0	0	0	0	0	31	29	25
12 PM	2	4	15	15	5	0	0	0	0	0	0	0	0	41	28	24
13:00	2	1	15	23	6	0	0	0	0	0	0	0	0	47	28	25
14:00	0	5	13	18	6	0	0	0	0	0	0	0	0	42	28	25
15:00	0	6	17	10	1	0	0	0	0	0	0	0	0	34	26	23
16:00	1	3	9	16	1	1	0	0	0	0	0	0	0	31	28	24
17:00	1	4	11	11	1	0	0	0	0	0	0	0	0	28	27	23
18:00	0	3	5	3	4	0	0	0	0	0	0	0	0	15	31	25
19:00	0	0	4	3	0	0	0	0	0	0	0	0	0	7	27	24
20:00	0	0	1	3	1	0	0	0	0	0	0	0	0	5	30	27
21:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1_	18	17_
Total	7	36	134	155	50	2	0	0	0	0	0	0	0	384		
%	1.8%	9.4%	34.9%	40.4%	13.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		09:00	09:00	09:00	07:00	06:00								09:00		
Vol.		3	12	15	8	1								33		
Midda				15		<u> </u>										
y Peak	12:00	14:00	12:00	13:00	13:00									13:00		
Vol.	2	5	15	23	6									47		
PM	-															
Peak	16:00	15:00	15:00	16:00	18:00	16:00								15:00		
Vol.	1	6	17	16	4	1								34		
% iles				Percent		19 MF	PH	-								

50th Percentile: 24 MPH 85th Percentile: 28 MPH 95th Percentile: 32 MPH

Stats 10 MPH Pace Speed: 20-29 MPH Number in Pace: 289

 Number in Pace :
 289

 Percent in Pace :
 75.3%

 Number of Vehicles > 25 MPH :
 176

 Percent of Vehicles > 25 MPH :
 45.8%

 Mean Speed(Average) :
 25 MPH



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154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

NB							Email: data	requests@pc	lillc.com							
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/28/																
15	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	2	2	0	0	0	0	0	0	0	0	0	4	27	25
06:00	0	3	4	3	0	0	0	0	0	0	0	0	0	10	26	22
07:00	0	1	3	3	2	0	0	0	0	0	0	0	0	9	30	25
08:00	1	3	8	5	3	0	0	0	0	0	0	0	0	20	29	23
09:00	1	1	19	18	4	0	0	0	0	0	0	0	0	43	28	25
10:00	0	2	6	8	4	0	0	0	0	0	0	0	0	20	30	26
11:00	2	1	9	9	1	0	0	0	0	0	0	0	0	22	27	23
12 PM	0	5	14	17	4	1	0	0	0	0	0	0	0	41	28	25
13:00	4	2	28	23	10	1	0	0	0	0	0	0	0	68	29	24
14:00	3	10	21	16	2	0	0	0	0	0	0	0	0	52	27	22
15:00	0	8	23	16	5	0	0	0	0	0	0	0	0	52	28	24
16:00	1	10	17	17	2	0	0	0	0	0	0	0	0	47	27	23
17:00	0	6	8	17	3	0	0	0	0	0	0	0	0	34	28	25
18:00	0	4	6	6	0	1	0	0	0	0	0	0	0	17	27	23
19:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3	22	20
20:00	0	0	1	3	2	0	0	0	0	0	0	0	0	6	31	28
21:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
22:00	0	0	1	0	1	1	0	0	0	0	0	0	0	3	36	30
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	12	57	173	166	44	4	0	0	0	0	0	0	0	456		
<u>%</u>	2.6%	12.5%	37.9%	36.4%	9.6%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	08:00	06:00	09:00	09:00	09:00									09:00		
Peak			40	40	4											
Vol. Midda	1	3	19	18	4		-							43		
y Peak	13:00	14:00	13:00	13:00	13:00	12:00								13:00		
y reak Vol.	4	10	28	23	10	1								68		
PM				-												
Peak	16:00	16:00	15:00	16:00	15:00	18:00								15:00		
Vol.	1	10	23	17	5	1								52		
% iles				n Percenti		18 MF	PH									

15th Percentile: 18 MPH 50th Percentile: 23 MPH 85th Percentile: 28 MPH

95th Percentile : 31 MPH

Stats 10 MPH Pace Speed : 20-29 MPH Number in Pace : 339

 Number in Pace :
 339

 Percent in Pace :
 74.3%

 Number of Vehicles > 25 MPH :
 181

 Percent of Vehicles > 25 MPH :
 39.6%

 Mean Speed(Average) :
 24 MPH



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154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

NB		Email: dat-requests@pdill.c.com														-Aug-15
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/29/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
05:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2	23	22
06:00	0	1	2	2	0	0	0	0	0	0	0	0	0	5	27	23
07:00	0	1	2	6	1	1	0	0	0	0	0	0	0	11	30	27
08:00	0	1	2	6	2	0	0	0	0	0	0	0	0	11	29	26
09:00	0	2	10	8	4	0	0	0	0	0	0	0	0	24	29	25
10:00	2	2	3	7	2	1	0	0	0	0	0	0	0	17	30	24
11:00	0	1	11	12	1	0	0	0	0	0	0	0	0	25	27	25
12 PM	3	5	15	10	3	0	0	0	0	0	0	0	0	36	27	22
13:00	2	3	11	10	4	0	0	0	0	0	0	0	0	30	28	24
14:00	2	2	22	15	5	0	0	0	0	0	0	0	0	46	28	24
15:00	2	4	13	9	1	0	0	0	0	0	0	0	0	29	27	22
16:00	1	3	12	15	3	0	0	0	0	0	0	0	0	34	28	24
17:00	0	7	13	10	2	0	0	0	0	0	0	0	0	32	27	23
18:00	0	1	4	4	2	0	0	0	0	0	0	0	0	11	29	25
19:00	0	2	2	7	1	0	0	0	0	0	0	0	0	12	28	25
20:00	0	1	0	2	1	0	0	0	0	0	0	0	0	4	31	26
21:00	1	0	0	1	1	0	0	0	0	0	0	0	0	3	31	22
22:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
Total	13	36	126	126	34	2	0	0	0	0	0	0	0	337		
%	3.9%	10.7%	37.4%	37.4%	10.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM		09:00	09:00	09:00	09:00	07:00								09:00		
Peak					03.00	07.00										
Vol.		2	10	8	4	1								24		
Midda	12:00	12:00	14:00	14:00	14:00									14:00		
y Peak																
Vol.	3	5	22	15	5									46		
PM	15:00	17:00	15:00	16:00	16:00									16:00		
Peak																
Vol.	2	7	13	15	3									34		
% iles			15th	h Percent	ile :	19 MI	2H									

15th Percentile : 19 MPH 50th Percentile : 23 MPH

50th Percentile: 23 MPH 85th Percentile: 28 MPH 95th Percentile: 31 MPH

Stats 10 MPH Pace Speed : 20-29 MPH Number in Pace : 252

 Number in Pace :
 252

 Percent in Pace :
 74.8%

 Number of Vehicles > 25 MPH :
 137

 Part of Vehicles > 25 MPH :
 0.00

Percent of Vehicles > 25 MPH : 40.6% Mean Speed(Average) : 24 MPH



PRECISION
DATA
INDUSTRIES, LLC
PO. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234

154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						O		1.3999 Fax: 5 requests@po						2410	J	, .u.g .c
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/27/																
15	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	1	0	0	0	0	0	0	0	0	2	32	20
06:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
07:00	0	0	2	2	4	0	0	0	0	0	0	0	0	8	32	28
08:00	0	1	1	15	8	2	0	0	0	0	0	0	0	27	32	29
09:00	0	0	5	21	8	3	0	0	0	0	0	0	0	37	32	28
10:00	0	2	7	19	11	2	1	0	0	0	0	0	0	42	32	28
11:00	0	4	12	10	10	0	0	0	0	0	0	0	0	36	31	26
12 PM	2	3	7	14	8	1	0	0	0	0	0	0	0	35	31	25
13:00	0	0	5	19	3	0	0	0	0	0	0	0	0	27	28	27
14:00	0	2	6	20	5	1	0	0	0	0	0	0	0	34	29	27
15:00	0	2	5	10	8	0	0	0	0	0	0	0	0	25	31	27
16:00	1	1	5	9	2	0	0	0	0	0	0	0	0	18	28	25
17:00	0	3	5	7	4	1	0	0	0	0	0	0	0	20	31	26
18:00	0	1	4	6	4	2	0	0	0	0	0	0	0	17	33	28
19:00	1	0	1	7	2	0	0	0	0	0	0	0	0	11	29	26
20:00	0	0	4	4	1	0	0	0	0	0	0	0	0	9	28	25
21:00	0	0	2	3	2	1	0	0	0	0	0	0	0	8	33	28
22:00	0	0	0	3	1	0	0	0	0	0	0	0	0	4	31	28
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	5	19	72	170	84	13	1	0	0	0	0	0	0	364		
%	1.4%	5.2%	19.8%	46.7%	23.1%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	05:00	08:00	09:00	09:00	08:00	09:00								09:00		
Vol.	1	1	5	21	8	3								37		
Midda	12:00	11:00	11:00	14:00	11:00	12:00								11:00		
y Peak	12.00	11.00	11.00	14.00	11.00	12.00										
Vol.	2	4	12	20	10	1								36		
PM Peak	16:00	17:00	15:00	15:00	15:00	18:00								15:00		
Vol.	1	3	5	10	8	2								25		
% iles			15tl	n Percent	ile :	21 MF	PH									
			E041	- D	9.4	00 141	DI I									

15th Percentile: 21 MPH 50th Percentile: 26 MPH 85th Percentile: 31 MPH

95th Percentile : 33 MPH

Stats

10 MPH Pace Speed: 25-34 MPH Number in Pace: 254 Percent in Pace: 69.8%

 Percent in Pace:
 69.8%

 Number of Vehicles > 25 MPH:
 234

 Percent of Vehicles > 25 MPH:
 64.3%

 Mean Speed(Average):
 27 MPH



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234

154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						O	Email: data	requests@po								Ū
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/28/																
15	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
06:00	1	1	2	1	0	0	0	0	0	0	0	0	0	5	25	19
07:00	0	0	5	5	4	0	0	0	0	0	0	0	0	14	31	27
08:00	0	0	2	11	9	0	0	0	0	0	0	0	0	22	32	29
09:00	0	1	8	9	8	2	0	0	0	0	0	0	0	28	32	27
10:00	2	0	12	42	16	4	0	0	0	0	0	0	0	76	31	27
11:00	0	2	8	19	9	1	0	0	0	0	0	0	0	39	31	27
12 PM	1	4	12	22	7	1	0	0	0	0	0	0	0	47	29	25
13:00	2	4	8	18	8	2	0	0	0	0	0	0	0	42	31	26
14:00	0	1	11	12	6	1	0	0	0	0	0	0	0	31	30	26
15:00	0	1	4	16	2	2	0	0	0	0	0	0	0	25	29	27
16:00	2	0	9	11	4	0	0	0	0	0	0	0	0	26	29	25
17:00	0	0	5	5	4	0	0	0	0	0	0	0	0	14	31	27
18:00	0	2	3	10	4	0	0	0	0	0	0	0	0	19	30	26
19:00	0	0	4	6	1	2	0	0	0	0	0	0	0	13	34	27
20:00	0	2	1	1	2	0	0	0	0	0	0	0	0	6	31	24
21:00	0	0	2	4	1	0	1	0	0	0	0	0	0	8	32	28
22:00	0	0	0	1	1	1	0	0	0	0	0	0	0	3	36	32
23:00	0	0	1	1	1	0	0	0	0	0	0	0	0	3	31	27
Total	8	18	97	196	89	16	1	0	0	0	0	0	0	425		
%	1.9%	4.2%	22.8%	46.1%	20.9%	3.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	06:00	06:00	09:00	08:00	08:00	09:00								09:00		
Peak																
Vol.	1	1	8	11	9	2								28		
Midda	13:00	12:00	12:00	12:00	11:00	13:00								12:00		
y Peak	2	4	10	20	0	2								47		
Vol. PM	2	4	12	22	9	2								47		
Pivi Peak	16:00	18:00	16:00	15:00	16:00	15:00	21:00							16:00		
Vol.	2	2	9	16	4	2	1							26		
% iles				n Darcant		20 M										

15th Percentile : 20 MPH % iles 50th Percentile: 26 MPH

85th Percentile : 31 MPH 95th Percentile : 33 MPH

Stats 20-29 MPH

10 MPH Pace Speed : Number in Pace : Percent in Pace : 293 68.9% 263

Number of Vehicles > 25 MPH : Percent of Vehicles > 25 MPH : 61.8% Mean Speed(Average): 27 MPH



PRECISION
DATA
INDUSTRIES, LLC
P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234

154611 A Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						U	Email: data	requests@pc	18.545.1234 lillc.com							- 3
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/29/																
15	0	0	0	0	1	1	0	0	0	0	0	0	0	2	37	35
01:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11	8
06:00	0	0	1	2	0	0	0	0	0	0	0	0	0	3	27	25
07:00	0	1	2	7	0	1	0	0	0	0	0	0	0	11	28	26
08:00	0	0	1	4	5	1	0	0	0	0	0	0	0	11	33	30
09:00	0	0	5	11	7	3	0	0	0	0	0	0	0	26	33	29
10:00	0	3	4	14	6	1	0	0	0	0	0	0	0	28	31	27
11:00	0	3	14	15	8	0	0	0	0	0	0	0	0	40	30	26
12 PM	3	6	10	21	5	0	0	0	0	0	0	0	0	45	28	24
13:00	0	3	6	20	3	1	0	0	0	0	0	0	0	33	28	26
14:00	0	3	8	19	4	0	0	0	0	0	0	0	0	34	28	26
15:00	1	2	9	10	4	0	0	0	0	0	0	0	0	26	29	25
16:00	0	1	4	5	3	0	0	0	0	0	0	0	0	13	30	26
17:00	0	0	3	6	1	0	0	0	0	0	0	0	0	10	28	26
18:00	0	0	4	3	2	0	0	0	0	0	0	0	0	9	30	26
19:00	0	2	2	2	2	0	0	0	0	0	0	0	0	8	31	24
20:00	0	0	0	5	2	1	0	0	0	0	0	0	0	8	33	30
21:00	0	1	2	3	1	0	0	0	0	0	0	0	0	7	28	25
22:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
23:00	0 5	0	0 75	0	0	0	0	0	0	0	0	0	0	0		
Total %	5 1.6%	25 7.8%	23.4%	150 46.9%	56 17.5%	9 2.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	320		
AM				40.9%	17.5%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Peak	05:00	07:00	09:00	09:00	09:00	09:00								09:00		
Vol.	1	1	5	11	7	3								26		
Midda																
y Peak	12:00	12:00	11:00	12:00	11:00	13:00								12:00		
Vol.	3	6	14	21	8	1								45		
PM																
Peak	15:00	15:00	15:00	15:00	15:00	20:00								15:00		
Vol.	1	2	9	10	4	1								26		
% iles			15th	Percent	ile :	20 MF	PH									
						05 845										

15th Percentile : 20 MPH 50th Percentile : 25 MPH

85th Percentile : 30 MPH 95th Percentile : 33 MPH

Stats 10 MPH Pace Speed : 20-29 MPH Number in Pace : 225

 Number in Pace :
 225

 Percent in Pace :
 70.3%

 Number of Vehicles > 25 MPH :
 185

 Percent of Vehicles > 25 MPH :
 57.8%

 Mean Speed(Average) :
 26 MPH

26 MPH



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com 154611 A Volume Site Code: 82992.15 Date Start: 27-Aug-15

Start		NB				SB				Comb ed	in		27-Aug- 15	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ea	P.M.		Thu	
12:00	0		9		0		6		0		15			
12:15	0		9		0		12		0		21			
12:30	0		7		1		9		1		16			
12:45	Ö	0	16	41	1	2	8	35	1	2	24	76		
01:00	Ö	ŭ	19	• • •	0	_	3	00	0	_	22			
01:15	1		8		0		13		1		21			
01:30	0		12		0		6		0		18			
01:45	0	1	8	47	0	0	5	27	0	1	13	74		
02:00	0	'	7	41	0	U	7	21	0	'	14	74		
02:00	0		12		0		11		0		23			
02:13	0		13		0		10		0		23			
02:30		0	10	42		0		34		0	23 16	76		
02:45	0	U		42	0	U	6	34	0	U		76		
03:00	0		9		0		7		0		16			
03:15	0		9		0		7		0		16			
03:30	0		10	0.4	0	•	6	0.5	0		16	50		
03:45	1	1	6	34	0	0	5	25	1	1	11	59		
04:00	0		10		0		5		0		15			
04:15	0		8		0		3		0		11			
04:30	0		7		0		6		0		13			
04:45	0	0	6	31	0	0	4	18	0	0	10	49		
05:00	1		10		1		7		2		17			
05:15	0		8		0		6		0		14			
05:30	0		4		1		5		1		9			
05:45	1	2	6	28	0	2	2	20	1	4	8	48		
06:00	1		5		0		4		1		9			
06:15	1		1		0		5		1		6			
06:30	1		2		1		3		2		5			
06:45	0	3	7	15	1	2	5	17	1	5	12	32		
07:00	5		1		2		2		7		3			
07:15	3		5		0		2		3		7			
07:30	5		0		3		1		8		1			
07:45	7	20	1	7	3	8	6	11	10	28	7	18		
08:00	0		0		7	-	3		7		3			
08:15	4		3		6		2		10		5			
08:30	4		1		2		2		6		3			
08:45	4	12	1	5	12	27	2	9	16	39	3	14		
09:00	7	12	1	Ü	8	21	4	0	15	00	5	17		
09:00	8		2		10		2		18		4			
09:15	11		0		6		1		17		1			
		22		2		27	1	0		70	1	11		
09:45	7	33	0	3	13	37		8	20	70		11		
10:00	8		1		8		3		16		4			
10:15	6		0		11		1		17		1			
10:30	4		0		11		0		15		0	_		
10:45	8	26	0	1	12	42	0	4	20	68	0	5		
11:00	9		0		10		0		19		0			
11:15	7		1		13		0		20		1			
11:30	8		0		8		0		16		0			
11:45	7	31	0	1	5	36	0	0	12	67	0	1		
Total Percent	129 45.3%		255 55.1%		156 54.7%		208 44.9%		285		463			
Day Total		384				36				748	3			
DI-	00.45		00.45		10.22		40.00		10.45		00.45			
Peak	09:15	-	00:45	-	10:30	-	12:00	-	10:45	-	00:45	-	-	
Vol. P.H.F.	34 0.773	-	55 0.724	-	46 0.885	-	35 0.729	-	75 0.938	-	85 0.885	-	-	



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com 154611 A Volume Site Code: 82992.15 Date Start: 27-Aug-15

Start		NB				SB				Combi	n		28-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Fri	
12:00	0		7		0		9		0		16			
12:15	0		14		0		11		0		25			
12:30	0		6		0		8		0		14			
12:45	2	2	14	41	1	1	19	47	3	3	33	88		
01:00	0		19		1		9		1		28			
01:15	0		13		0		13		0		26			
01:30	0		19		0		10		0		29			
01:45	0	0	17	68	0	1	10	42	0	1	27	110		
02:00	0		19		0		11		0		30			
02:15	0		8		0		5		0		13			
02:30	0		14		0		6		0		20			
02:45	0	0	11	52	Ö	0	9	31	0	0	20	83		
03:00	Ö	· ·	14	0_	0	ŭ	9	٠.	0	ŭ	23			
03:15	1		12		Ö		6		1		18			
03:30	0		14		Ö		2		0		16			
03:45	Ő	1	12	52	Ö	0	8	25	Ö	1	20	77		
04:00	0	'	19	32	0	J	7	20	0		26			
04:00	0		10		0		6		0		16			
04:13	0		9		0		6		0		15			
04:30	0	0	9	47	0	0	7	26	0	0	16	73		
05:00	0	U	14	47	0	U	6	20	0	U	20	73		
05:00	0		8		1		2		1		10			
					0									
05:30	2	4	6	24		2	3	1.1	2	6	9	40		
05:45	2	4	6	34	1	2	3	14	3	6	9	48		
06:00	2		6 7		0		6		2		12			
06:15	1				1		6		2		13			
06:30	2	10	2	47	2	F	5	10	4	4.5	7	20		
06:45	5	10	2	17	2	5	2 7	19	7 7	15	4	36		
07:00	3		0		4						7			
07:15	0		2		0		1		0		3			
07:30	2	0	0	•	3	4.4	3	40	5	00	3	40		
07:45	4	9	1	3	7	14	2	13	11	23	3	16		
08:00	4		0		4		4		8		4			
08:15	5		1		2		2		7		3			
08:30	5	00	5	•	7	00	0	•	12	40	5	40		
08:45	6	20	0	6	9	22	0	6	15	42	0	12		
09:00	11		1		8		2		19		3			
09:15	13		1		7		1		20		2			
09:30	5		0	_	6		3	_	11		3			
09:45	14	43	0	2	7	28	2	8	21	71	2	10		
10:00	5		1		21		2		26		3			
10:15	5		0		13		0		18		0			
10:30	4		1		18		1		22		2			
10:45	6	20	1	3	24	76	0	3	30	96	1	6		
11:00	7		0		14		0		21		0			
11:15	7		0		9		2		16		2			
11:30	2		0		9		1		11		1			
11:45	6	22	0	0	7	39	0	3	13	61	0	3		
Total	131		325		188		237		319		562			
Percent	41.1%		57.8%		58.9%		42.2%							
Day Total		456	i			425	5			881	l			
			04.00		40.00		00.45		40.00		00.45			
Peak	09:00	-	01:00	-	10:00	-	00:45	-	10:00	-	00:45	-	-	
Peak Vol. P.H.F.	09:00 43	-	01:00 68	-	10:00 76 0.792	-	00:45 51 0.671	-	10:00 96 0.800	-	00:45 116 0.879	-	-	



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com 154611 A Volume Site Code: 82992.15 Date Start: 27-Aug-15

Start		NB				SB				Comb ed	n		29-Aug- 15	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	Gu	P.M.		Sat	
12:00	0		10		0		12		0		22			
12:15	0		7		0		16		0		23			
12:30	0		7		2		4		2		11			
12:45	0	0	12	36	0	2	13	45	0	2	25	81		
01:00	0		2		0		8		0		10			
01:15	0		12		0		9		0		21			
01:30	1		7		2		8		3		15			
01:45	0	1	9	30	0	2	8	33	0	3	17	63		
02:00	0	-	9		0	_	8		0	-	17			
02:15	0		21		0		12		0		33			
02:30	Ő		8		0		5		Ő		13			
02:45	Ő	0	8	46	0	0	9	34	Ő	0	17	80		
03:00	0	U	8	40	0	Ū	10	0-1	0	Ü	18	00		
03:15	0		6		0		5		0		11			
03:30	0		9		0		5		0		14			
03:45	0	0	6	29	0	0	6	26	0	0	12	55		
04:00	0	U	8	23	0	U	4	20	0	U	12	55		
04:00	0		7		0		3		0		10			
04:13	0		6		0		4		0		10			
04:30	1	1	13	34	0	0	2	13	1	1	15	47		
05:00	0	ı	5	34	0	U	3	13	0	ı	8	47		
05:00	0		17		1		5 5		1		22			
05:30	1				0		1		1		7			
		2	6	22		4		10	1	3		42		
05:45	1	2	4	32	0	1	1	10	-	3	5	42		
06:00	0		7		1		0		1		7			
06:15	3		2		0		3		3		5			
06:30	1	_	2	44	0	2	2	^	1	0	4	20		
06:45	1	5	0	11	2	3	4	9	3	8	4	20		
07:00	2		0		2		0		4		0			
07:15	2		4		1		5		3		9			
07:30	4	4.4	6	40	4	4.4	2	•	8	00	8	00		
07:45	3	11	2	12	4	11	1	8	7	22	3	20		
08:00	2		1		2		3		4		4			
08:15	3		1		4		1		7		2			
08:30	1	4.4	1		1	4.4	3	•	2	00	4	40		
08:45	5	11	1	4	4	11	1	8	9	22	2	12		
09:00	6		1		8		0		14		1			
09:15	8		1		4		3		12		4			
09:30	5	0.4	0	•	4	00	3	-	9	50	3	40		
09:45	5	24	1	3	10	26	1	7	15	50	2	10		
10:00	2		0		9		2		11		2			
10:15	4		1		5		0		9		1			
10:30	6	4-	0	_	4		1	_	10		1	_		
10:45	5	17	1	2	10	28	0	3	15	45	1	5		
11:00	6		1		12		0		18		1			
11:15	7		0		10		0		17		0			
11:30	6		0		9		0		15		0			
11:45	6	25	0	1	9	40	0	0	15	65	0	11		
Total Percent	97 43.9%		240 55.0%		124 56.1%		196 45.0%		221		436			
Day Total		337				32	0			657	7			
Peak	11:00	_	01:45	_	10:45	_	12:00	_	10:45	_	01:30	_	-	
i can			47		41		45		65	-	82			
Vol.	25	-												

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o Grove Street



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SB						Email: data	arequests@pd	illc.com						
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/27/1														
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	2	0	0	0	0	0	1	0	0	0	0	0	3
07:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
08:00	0	17	4	0	0	0	0	0	0	0	0	0	0	21
09:00	0	31	10	0	0	0	0	0	0	0	0	0	0	41
10:00	0	29	6	0	0	0	0	0	0	0	0	0	0	35
11:00	1	31	9	0	0	0	0	0	0	0	0	0	0	41
12 PM	0	18	3	0	2	0	0	0	0	0	0	0	0	23
13:00	0	22	3	0	1	0	0	0	0	0	0	0	0	26
14:00	0	27	6	0	0	0	0	0	0	0	0	0	0	33
15:00	0	32	1	0	0	0	0	0	0	0	0	0	0	33
16:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
17:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
18:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
19:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	230	48	0	4	0	0	1	0	0	0	0	0	284
Percent	0.4%	81.0%	16.9%	0.0%	1.4%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	09:00	09:00					06:00						09:00
Peak														
Vol.	1_	31	10					1_						41
PM		15:00	14:00		12:00									14:00
Peak														
Vol.		32	6		2									33



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SB						Office: 508.48	1.3999 Fax: 50 arequests@po					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/28/1														
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
07:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
08:00	0	16	9	0	0	0	0	0	0	0	0	0	0	25
09:00	0	43	9	0	3	0	0	0	0	0	0	0	0	55
10:00	1	73	7	0	2	0	0	0	0	0	0	0	0	83
11:00	0	57	8	0	3	0	0	0	0	0	0	0	0	68
12 PM	1	29	8	0	1	0	0	0	0	0	0	0	0	39
13:00	2	26	6	0	2	0	0	0	0	0	0	0	0	36
14:00	0	18	4	0	1	0	0	0	0	0	0	0	0	23
15:00	2	26	2	1	0	1	0	0	0	0	0	0	0	32
16:00	0	7	3	0	2	0	0	0	0	0	0	0	0	12
17:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
18:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
19:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
20:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	320	62	1	16	1	0	0	0	0	0	0	0	406
Percent	1.5%	78.8%	15.3%	0.2%	3.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	08:00		09:00									10:00
Vol.	1	73	9		3									83
PM	13:00	12:00	12:00	15:00	13:00	15:00								12:00
Peak														
Vol.	2	29	8	1	2	1								39



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SB						Office: 508.48	1.3999 Fax: 50 arequests@pc					Dat	e Start: 21	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 AxI	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/29/1					0 10	og.c	- Unigio	2000.0	2000.0	2002.0		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	1	2	0	1	0	0	0	0	0	0	0	0	4
08:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
09:00	0	14	4	0	2	0	0	0	0	0	0	0	0	20
10:00	2	27	5	0	1	0	0	0	0	0	0	0	0	35
11:00	1	38	9	0	1	0	0	0	0	0	0	0	0	49
12 PM	0	23	4	0	3	0	0	0	0	0	0	0	0	30
13:00	1	27	6	0	1	0	0	0	0	0	0	0	0	35
14:00	2	32	2	0	2	0	0	0	0	0	0	0	0	38
15:00	0	24	1	0	2	0	0	0	0	0	0	0	0	27
16:00	1	7	5	0	2	0	0	0	0	0	0	0	0	15
17:00	0	13	1	0	0	0	0	0	0	0	0	0	0	14
18:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
19:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	7	230	45	0	17	0	0	0	0	0	0	0	0	299
Percent	2.3%	76.9%	15.1%	0.0%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00		09:00									11:00
Vol.	2	38	9		2									49
PM	14:00	14:00	13:00		12:00									14:00
Peak														
Vol.	2	32	155	4	3	4		4		0	0	0		38
Total		780	155	1	37	1	0	1	0	0	0	0	0	989



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NB						Office: 508.48 Email: data	1.3999 Fax: 50 arequests@po					Dai	e Start. Zi	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 AxI	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/27/1														
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	1	1	0	0	0	0	1	0	0	0	0	0	3
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
09:00	0	15	7	0	0	0	0	0	0	0	0	0	0	22
10:00	0	7	4	0	1	0	0	0	0	0	0	0	0	12
11:00	0	13	3	0	0	0	0	0	0	0	0	0	0	16
12 PM	0	19	5	0	1	0	0	0	0	0	0	0	0	25
13:00	0	27	5	0	0	0	0	0	0	0	0	0	0	32
14:00	0	15	6	0	0	0	0	0	0	0	0	0	0	21
15:00	0	32	4	0	0	0	0	0	0	0	0	0	0	36
16:00	0	34	2	0	1	0	0	0	0	0	0	0	0	37
17:00	1	31	6	0	0	0	0	0	0	0	0	0	0	38
18:00	0	12	2	0	0	0	0	0	0	0	0	0	0	14
19:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	220	50	0	3	0	0	1	0	0	0	0	0	275
Percent	0.4%	80.0%	18.2%	0.0%	1.1%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		09:00	09:00		10:00			06:00						09:00
Peak Vol.		15	7		1			1						22
PM			-		<u> </u>			<u> </u>						
Peak	17:00	16:00	14:00		12:00									17:00
Vol.	1	34	6		1									38



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NB						Email: data	arequests@pd	illc.com						
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 Axl	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/28/1														
5	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
07:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
08:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
09:00	0	13	5	0	1	0	0	0	0	0	0	0	0	19
10:00	0	15	4	1	3	0	0	0	0	0	0	0	0	23
11:00	0	12	5	0	1	0	0	0	0	0	0	0	0	18
12 PM	1	41	4	0	1	0	0	0	0	0	0	0	0	47
13:00	0	42	8	0	2	1	0	0	0	0	0	0	0	53
14:00	1	36	6	0	2	0	0	0	0	0	0	0	0	45
15:00	0	48	8	0	1	1	0	0	0	0	0	0	0	58
16:00	0	36	8	0	2	0	0	0	0	0	0	0	0	46
17:00	0	30	7	1	3	0	0	0	0	0	0	0	0	41
18:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
19:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
20:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	295	62	2	18	2	0	0	0	0	0	0	0	381
Percent	0.5%	77.4%	16.3%	0.5%	4.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		10:00	09:00	10:00	10:00									10:00
Peak Vol.		15	-	1	2									22
PM		15	5	I	3									23
Pivi Peak	12:00	15:00	13:00	17:00	17:00	13:00								15:00
Vol.	1	48	8	1	3	1								58
VOI.	1	48	8	1	3	1								58



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datareguests@odillc.com

NB						Office: 508.48	1.3999 Fax: 50 arequests@pd	8.545.1234				Dat	e Start: 27	-Aug-15
Start		Cars &	2 Axle		2 Axle	3 Axle	4 Axle	<5 AxI	5 Axle	>6 Axl	<6 Axl	6 Axle	>6 AxI	
Time	Bikes	Trailers	Long	Buses	6 Tire	Single	Single	Double	Double	Double	Multi	Multi	Multi	Total
08/29/1				24000	0 10	og.c	Cg.c	2000.0	2000.0	2000.0				
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
07:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
08:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7
09:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
10:00	0	10	1	0	2	0	0	0	0	0	0	0	0	13
11:00	0	11	5	0	1	0	0	0	0	0	0	0	0	17
12 PM	0	22	8	0	1	0	0	0	0	0	0	0	0	31
13:00	0	28	6	0	1	0	0	0	0	0	0	0	0	35
14:00	0	32	2	0	1	0	0	0	0	0	0	0	0	35
15:00	0	30	6	0	2	0	0	0	0	0	0	0	0	38
16:00	1	24	3	0	1	0	0	0	0	0	0	0	0	29
17:00	0	45	7	0	0	0	0	0	0	0	0	0	0	52
18:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
19:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
20:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	231	45	0	11	0	0	0	0	0	0	0	0	288
Percent	0.3%	80.2%	15.6%	0.0%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM		11:00	11:00		10:00									11:00
Peak														
Vol.		11	5		2								-	17_
PM Peak	16:00	17:00	12:00		15:00									17:00
Vol.	1	45	8		2									52
Total		746	157	2	32	2	0	1	0	0	0	0	0	944



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						_	Email: data	requests@po	dillc.com							
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/27/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	1	1	1	0	0	0	0	0	0	0	0	3	31	27
07:00	0	0	1	1	1	0	0	0	0	0	0	0	0	3	31	27
08:00	0	0	2	12	4	3	0	0	0	0	0	0	0	21	33	29
09:00	0	1	15	19	6	0	0	0	0	0	0	0	0	41	28	26
10:00	0	2	7	16	10	0	0	0	0	0	0	0	0	35	31	27
11:00	0	0	13	19	8	0	1	0	0	0	0	0	0	41	30	27
12 PM	0	2	5	11	5	0	0	0	0	0	0	0	0	23	30	26
13:00	1	3	6	10	6	0	0	0	0	0	0	0	0	26	30	25
14:00	0	8	7	14	4	0	0	0	0	0	0	0	0	33	28	24
15:00	1	3	13	8	7	1	0	0	0	0	0	0	0	33	31	25
16:00	0	0	2	4	3	1	0	0	0	0	0	0	0	10	33	28
17:00	0	0	3	1	1	0	0	0	0	0	0	0	0	5	30	25
18:00	0	0	1	2	0	0	0	0	0	0	0	0	0	3	27	25
19:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2	17	12
20:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2	27	22
21:00	0	0	0	1	0	0	1	0	0	0	0	0	0	2	42	35
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	3	21	77	120	56	5	2	0	0	0	0	0	0	284		
%_	1.1%	7.4%	27.1%	42.3%	19.7%	1.8%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM		09:00	09:00	09:00	09:00	08:00								09:00		
Peak		03.00			03.00	00.00										
Vol.		1	15	19	6	3								41		
Midda	13:00	14:00	11:00	11:00	11:00		11:00							11:00		
y Peak	13.00						11.00									
Vol.	1	8	13	19	8		1							41		
PM	15:00	15:00	15:00	15:00	15:00	15:00	21:00							15:00		
Peak																
Vol.	1	3	13	8 n Porcont	7	20 MI	1							33		

% iles 15th Percentile: 20 MPH

50th Percentile: 25 MPH 85th Percentile: 30 MPH 95th Percentile: 33 MPH

Stats 10 MPH Pace Speed: 20-29 MPH Number in Pace: 197

Number in Pace: 197
Percent in Pace: 69.4%
Number of Vehicles > 25 MPH: 159
Percent of Vehicles > 25 MPH: 56 0%

Percent of Vehicles > 25 MPH: 56.0% Mean Speed(Average): 26 MPH



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						_	Email: data	requests@po	dillc.com							
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/28/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
07:00	0	0	0	2	0	1	1	0	0	0	0	0	0	4	41	33
08:00	0	0	6	15	4	0	0	0	0	0	0	0	0	25	29	27
09:00	0	5	16	26	7	1	0	0	0	0	0	0	0	55	28	25
10:00	3	5	24	30	20	1	0	0	0	0	0	0	0	83	31	26
11:00	1	7	13	33	13	1	0	0	0	0	0	0	0	68	30	26
12 PM	1	6	11	17	4	0	0	0	0	0	0	0	0	39	28	24
13:00	2	2	16	11	4	0	1	0	0	0	0	0	0	36	28	24
14:00	1	3	5	10	4	0	0	0	0	0	0	0	0	23	29	25
15:00	0	3	7	10	10	2	0	0	0	0	0	0	0	32	32	27
16:00	1	2	3	4	2	0	0	0	0	0	0	0	0	12	29	23
17:00	2	1	1	3	2	0	0	0	0	0	0	0	0	9	30	22
18:00	2	1	2	1	1	0	1	0	0	0	0	0	0	8	32	22
19:00	0	3	0	2	0	0	0	0	0	0	0	0	0	5	27	21
20:00	0	0	2	2	0	0	0	0	0	0	0	0	0	4	27	25
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	13	38	107	167	72	6	3	0	0	0	0	0	0	406		
%	3.2%	9.4%	26.4%	41.1%	17.7%	1.5%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM		09:00	09:00	09:00	09:00	07:00	07:00							09:00		
Peak Vol.		5	16	26	7	1	1							55		
Midda			10													
y Peak	13:00	11:00	13:00	11:00	11:00	11:00	13:00							11:00		
yı cak Vol.	2	7	16	33	13	1	1							68		
PM																
Peak	17:00	15:00	15:00	15:00	15:00	15:00	18:00							15:00		
Vol.	2	3	7	10	10	2	1							32		
% iles				n Percent		19 MI	PH .									
			=0.1			0= 14										

15th Percentile : 19 MPH 50th Percentile : 25 MPH

50th Percentile: 25 MPH 85th Percentile: 30 MPH 95th Percentile: 33 MPH

Stats 10 MPH Pace Speed : 20-29 MPH Number in Pace : 274

 Number in Pace :
 274

 Percent in Pace :
 67.5%

 Number of Vehicles > 25 MPH :
 215

 Percent of Vehicles > 25 MPH :
 52.9%

 Mean Speed(Average) :
 25 MPH



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

SB						O	Email: data	requests@po	dillc.com							_
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/29/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	2	1	1	0	0	0	0	0	0	0	0	0	4	26	21
08:00	0	0	1	7	2	0	1	0	0	0	0	0	0	11	32	29
09:00	1	0	4	7	7	1	0	0	0	0	0	0	0	20	32	27
10:00	1	5	5	12	10	2	0	0	0	0	0	0	0	35	32	26
11:00	0	4	14	21	9	1	0	0	0	0	0	0	0	49	30	26
12 PM	1	3	13	9	4	0	0	0	0	0	0	0	0	30	28	24
13:00	0	3	12	12	8	0	0	0	0	0	0	0	0	35	30	26
14:00	1	5	12	13	7	0	0	0	0	0	0	0	0	38	29	25
15:00	0	3	10	8	5	1	0	0	0	0	0	0	0	27	30	25
16:00	2	4	5	3	1	0	0	0	0	0	0	0	0	15	26	20
17:00	0	4	2	7	1	0	0	0	0	0	0	0	0	14	28	24
18:00	0	4	2	2	0	0	0	0	0	0	0	0	0	8	26	21
19:00	0	0	1	2	2	1	0	0	0	0	0	0	0	6	34	30
20:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
21:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
Total	6	37	86	106	57	6	1	0	0	0	0	0	0	299		
%	2.0%	12.4%	28.8%	35.5%	19.1%	2.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM	09:00	07:00	09:00	08:00	09:00	09:00	08:00							09:00		
Peak Vol.	1	2	4	7	7	1	1							20		
Midda							<u> </u>									
y Peak	12:00	14:00	11:00	11:00	11:00	11:00								11:00		
Vol.	1	5	14	21	9	1								49		
PM	<u>.</u>															
Peak	16:00	16:00	15:00	15:00	15:00	15:00								15:00		
Vol.	2	4	10	8	5	1								27		
% iles			15th	n Percent	ile :	19 MI	PH									

6 iles 15th Percentile : 19 MPH 50th Percentile : 24 MPH

85th Percentile: 24 MPH 95th Percentile: 30 MPH 95th Percentile: 33 MPH

Stats 10 MPH Pace Speed : 20-29 MPH Number in Pace : 192

 Number in Pace :
 192

 Percent in Pace :
 64.2%

 Number of Vehicles > 25 MPH :
 149

 Percent of Vehicles > 25 MPH :
 49.8%

 Mean Speed(Average) :
 25 MPH



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

Start	NB						U		requests@po								- 3
08/27/ 01:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
01:00	08/27/																
October Octo	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
OFFICIAL PROPRIES OFFI	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
OFFICION O	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1		27
08:00	06:00	0	1	0	2	0	0	0	0	0	0	0	0	0	3	27	24
09:00	07:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
10:00	08:00	0	0	3	4	1	0	0	0	0	0	0	0	0	8	28	26
11:00	09:00	2	5	9	4	2	0	0	0	0	0	0	0	0	22	27	21
12 PM	10:00	0	0	2	9	1	0	0	0	0	0	0	0	0	12	28	27
13:00	11:00	0	0	5	8	3	0	0	0	0	0	0	0	0	16	30	26
14:00	12 PM	1	4	8	9	3	0	0	0	0	0	0	0	0	25	28	24
15:00	13:00	1	4	11	15	1	0	0	0	0	0	0	0	0	32	27	24
16:00	14:00	0	4	6	9	2	0	0	0	0	0	0	0	0	21	28	24
17:00	15:00	2	4	18	9	3	0	0	0	0	0	0	0	0	36	27	23
18:00 1 1 3 4 3 1 0 1 0 0 0 0 0 14 33 27 19:00 0 1 2 3 0 <t< td=""><td>16:00</td><td>1</td><td>3</td><td>14</td><td>16</td><td>0</td><td>3</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>37</td><td>28</td><td>25</td></t<>	16:00	1	3	14	16	0	3	0	0	0	0	0	0	0	37	28	25
19:00 0 1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17:00	2	3	21	11	0	1	0	0	0	0	0	0	0	38	26	23
20:00 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0	18:00	1	1	3	4	3	1	0	1	0	0	0	0	0	14	33	27
21:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19:00	0	1	2	3	0	0	0	0	0	0	0	0	0	6	27	24
22:00 0 0 0 0 0 0 0 0 0	20:00	0	0	1	0	0	1	0	0	0	0	0	0	0	2	37	30
23:00 0 0 0 0 0 0 0 0 0	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total 10 30 103 105 19 6 0 1 0 0 0 0 0 0 0 0	22:00	0	0	0	0	0	0	0	0	0	1	0	0	0	1	58	57
% 3.6% 10.9% 37.5% 38.2% 6.9% 2.2% 0.0% 0.4% 0.0% 0.4% 0.0% <th< td=""><td>23:00</td><td>0</td><td></td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>*</td><td>*</td></th<>	23:00	0		0	0		0	0	0	0	0	0	0	0		*	*
AM Peak Vol. 09:00 09:00 08:00 09:00 09:00 Midda y Peak Vol. 1 4 11 15 3 32 PM Peak Vol. 15:00 15:00 17:00 16:00 15:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38	Total	10	30	103	105		6	0	1	0	1	0	0	0	275		
Peak Vol. 09:00		3.6%	10.9%	37.5%	38.2%	6.9%	2.2%	0.0%	0.4%	0.0%	0.4%	0.0%	0.0%	0.0%			
Peak Vol. 2 5 9 4 2 22 Midda y Peak Vol. 12:00 12:00 13:00 13:00 13:00 Vol. 1 4 11 15 3 32 PM Peak Vol. 15:00 17:00 16:00 16:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38		09.00	09:00	09:00	08:00	09:00									09:00		
Midda y Peak 12:00 12:00 13:00 11:00 13:00 Vol. 1 4 11 15 3 32 PM Peak 15:00 15:00 16:00 15:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38																	
y Peak 12:00 13:00 13:00 13:00 Vol. 1 4 11 15 3 32 PM Peak 15:00 15:00 16:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38		2	5	9	4	2									22		
V Peak Vol. 1 4 11 15 3 32 PM Peak 15:00 15:00 16:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38		12:00	12:00	13:00	13:00	11:00									13:00		
PM Peak 15:00 15:00 16:00 16:00 16:00 18:00 22:00 17:00 Vol. 2 4 21 16 3 3 1 1 38																	
Peak 15:00 15:00 17:00 16:00 16:00 18:00 22:00 17:00 17:00 Vol. 2 4 21 16 3 3 1 1 1 38		1_	4	11	15	3									32		
Vol. 2 4 21 16 3 3 1 1 1 38		15:00	15:00	17:00	16:00	15:00	16:00		18:00		22:00				17:00		
			4					DH .	ı		1				38		

15th Percentile: 19 MPH % iles 50th Percentile: 23 MPH 85th Percentile : 28 MPH

32 MPH 95th Percentile:

20-29 MPH Stats

10 MPH Pace Speed : Number in Pace : Percent in Pace : 208 75.6% Number of Vehicles > 25 MPH : Percent of Vehicles > 25 MPH : 111 40.4% Mean Speed(Average): 24 MPH



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

NB						UI	Email: data	requests@po	08.545.1234 dillc.com							- 3
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/28/																
15	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
07:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
08:00	0	0	5	2	0	0	0	0	0	0	0	0	0	7	26	23
09:00	0	0	12	6	1	0	0	0	0	0	0	0	0	19	27	24
10:00	3	5	5	10	0	0	0	0	0	0	0	0	0	23	27	21
11:00	0	6	8	2	2	0	0	0	0	0	0	0	0	18	27	22
12 PM	0	9	21	15	2	0	0	0	0	0	0	0	0	47	27	23
13:00	1	15	23	10	3	1	0	0	0	0	0	0	0	53	27	22
14:00	2	7	21	12	3	0	0	0	0	0	0	0	0	45	27	23
15:00	3	3	29	18	4	1	0	0	0	0	0	0	0	58	27	23
16:00	2	7	21	15	1	0	0	0	0	0	0	0	0	46	27	22
17:00	1	3	15	18	4	0	0	0	0	0	0	0	0	41	28	24
18:00	0	1	4	1	2	1	0	0	0	0	0	0	0	9	33	26
19:00	0	3	0	1	0	0	0	0	0	0	0	0	0	4	26	20
20:00	0	0	1	2	0	0	0	0	0	0	0	0	0	3	27	25
21:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	1_	0	0	0	0	0	0	0	0	0	1	28	27
Total	12	59	168	117	22	3	0	0	0	0	0	0	0	381		
%	3.1%	15.5%	44.1%	30.7%	5.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM			09:00	09:00	09:00									09:00		
Peak																
Vol.			12	6	1									19		
Midda	14:00	13:00	13:00	12:00	13:00	13:00								13:00		
y Peak Vol.	2	15	22	15	2	1								53		
PM	2	15	23	15	3											
Peak	15:00	16:00	15:00	15:00	15:00	15:00								15:00		
Vol.	3	7	29	18	4	1								58		
% iles				n Percenti		17 MF	PH							50		
/U IIC3			500			00 14										

15th Percentile: 17 MPH 50th Percentile: 22 MPH 85th Percentile: 27 MPH

95th Percentile: 30 MPH

Stats 10 MPH Pace Speed: 20-29 MPH Number in Pace: 285

 Number in Pace :
 285

 Percent in Pace :
 74.8%

 Number of Vehicles > 25
 MPH :
 119

 Percent of Vehicles > 25
 MPH :
 31.1%

t of Vehicles > 25 MPH: 31.1% Mean Speed(Average): 23 MPH



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154611 B Speed Site Code: 82992.15 Date Start: 27-Aug-15

NB							Email: data	requests@pc	lillc.com							
Start	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th	Ave
Time	14	19	24	29	34	39	44	49	54	59	64	69	9999		% ile	Speed
08/29/																
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
07:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
08:00	0	0	3	3	0	1	0	0	0	0	0	0	0	7	28	26
09:00	0	1	4	2	1	0	0	0	0	0	0	0	0	8	28	24
10:00	0	3	4	4	1	1	0	0	0	0	0	0	0	13	29	24
11:00	1	2	10	3	1	0	0	0	0	0	0	0	0	17	26	22
12 PM	2	8	13	7	1	0	0	0	0	0	0	0	0	31	26	21
13:00	3	8	15	6	3	0	0	0	0	0	0	0	0	35	27	21
14:00	1	8	8	13	5	0	0	0	0	0	0	0	0	35	28	24
15:00	0	4	18	12	4	0	0	0	0	0	0	0	0	38	28	24
16:00	5	7	11	5	1	0	0	0	0	0	0	0	0	29	25	19
17:00	3	10	19	14	6	0	0	0	0	0	0	0	0	52	28	23
18:00	0	0	6	2	1	0	0	0	0	0	0	0	0	9	28	24
19:00	0	1	1	4	2	0	0	0	0	0	0	0	0	8	31	26
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	22	20
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
Total	15	53	116	76	26	2	0	0	0	0	0	0	0	288		
%	5.2%	18.4%	40.3%	26.4%	9.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM		09:00	09:00	08:00	09:00	08:00								09:00		
Peak				•										•		
Vol.		1	4	3	1	1								8		
Midda	13:00	12:00	13:00	14:00	14:00									13:00		
y Peak Vol.	3	8	15	10	5									35		
PM			15	13												
Peak	16:00	17:00	17:00	17:00	17:00									17:00		
Vol.	5	10	19	14	6									52		
% iles		10		n Percenti		16 MF	PH							02		
70 IIOO						00 141										

15th Percentile : 16 MPH 50th Percentile : 22 MPH

50th Percentile: 22 MPH 85th Percentile: 28 MPH 95th Percentile: 31 MPH

Stats 10 MPH Pace Speed: 20-29 MPH Number in Pace: 192

 Number in Pace :
 192

 Percent in Pace :
 66.7%

 Number of Vehicles > 25 MPH :
 89

 Percent in Pace :
 89

 ON MPH :
 89

Percent of Vehicles > 25 MPH: 30.8% Mean Speed(Average): 23 MPH



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12:00 0 8 0 1 12:15 0 6 0 6 12:30 0 5 0 7 12:45 0 0 4 23 0 0 11 25 01:00 0 14 0 6 01:15 0 4 0 15	ed 15 A.M. P.M. Thu 0 9 0 12 0 12 0 0 15 0 20
12:00 0 8 0 1 12:15 0 6 0 6 12:30 0 5 0 7 12:45 0 0 4 23 0 0 11 25 01:00 0 14 0 6 01:15 0 4 0 15	0 9 0 12 0 12 0 0 15 48
12:15 0 6 0 6 12:30 0 5 0 7 12:45 0 0 4 23 0 0 11 25 01:00 0 14 0 6 01:15 0 4 0 15	0 12 0 12 0 0 15 48
12:30	0 12 0 0 15 48
12:45 0 0 4 23 0 0 11 25 01:00 0 14 0 6 01:15 0 4 0 15	0 0 15 48
01:00	
01:15 0 4 0 15	0 20
01:15 0 4 0 15	0 19
01:30	
01:45	0 0 5 58
02:00	0 9
02:15 0 15 0 4	0 19
02:30 0 7 0 8	0 15
02:45 0 0 7 33 0 0 4 21	0 0 11 54
03:00 1 10 0 6	1 16
03:15 0 8 0 8	0 16
03:30 0 6 0 14	0 20
03:45	0 1 17 69
04:00 0 2 0 10	0 12
04:15 0 4 0 5	0 9
04:30 0 3 0 11	0 14
04:45	0 0 12 47
05:00 0 4 1 12	1 16
05:15 0 0 15	0 15
05:30	0 10
05:45	
06:15 1 1 2	2 3
06:30	0 3
06:45 1 3 1 3 2 3 5 14	3 6 6 17
07:00 0 1 0 1	0 2
07:15 0 0 3	0 3
07:30 2 1 0 2	2 3
07:45	2 4 0 8
08:00 2 0 1 0	3 0
08:15 4 0 2 1	6 1
	11 1
08:45 7 21 2 2 2 8 0 2	9 29 2 4
09:00 21 0 5 0	26 0
09:15 7 0 7 0	14 0
09:30 4 1 5 0	9 1
	14 63 1 2
10:00 6 0 3	9 0
	17 0
10:30 7 0 2 1	9 1
	12 47 0 1
	14 0
	11 0
	17 0
11:45	16 67 0 0
11:45 10 41 0 0 5 16 0 0	15 57 0 0 08 351
Total 145 139 63 212 20 ercent 69.7% 39.6% 30.3% 60.4%	351
Total 284 275	559
Peak 08:30 - 02:15 - 09:00 - 04:30 - 09:0	00 - 03:00
Vol. 43 - 39 - 22 - 49 - 6	63 - 69
VOI. →J - JB - ZZ - 4B - 《 D∐E 0.512	00 - 09
P.H.F. 0.512 0.650 0.786 0.817 0.60	0.863



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Start		SB				NB				Combi	n		28-Aug-	
	A 84	SD	D.14		A B.4	IND	D. M		A 8.6	ed	DM		15	
Time 12:00	A.M. 0		P.M. 14		A.M. 0		P.M. 6		A.M. 0		P.M. 20		Fri	
12:15	0		8		0		13		0		21			
12:30			9				10		0		19			
12.30	0	^		39	0	1		47		1		0.0		
12:45	0	0	8	39	1	ı	18	47	1	1	26	86		
01:00	0		12		0		18		0		30			
01:15	1		9		0		18		1		27			
01:30	0		8		0		11		0		19			
01:45	0	1	7	36	0	0	6	53	0	1	13	89		
02:00	0		6		1		7		1		13			
02:15	0		7		0		15		0		22			
02:30	0		2		0		14		0		16			
02:45	0	0	8	23	0	1	9	45	0	1	17	68		
03:00	0		5		0		15		0		20			
03:15	0		9		0		12		0		21			
03:30	0		10		0		18		0		28			
03:45	Ö	0	8	32	Ö	0	13	58	0	0	21	90		
04:00	Ő	•	7	-	Ő	ŭ	12		Ö	·	19			
04:15	0		3		0		18		0		21			
04:13	0		1		0		6		0		7			
04.30	0	0	1	12	1	1	10	46	1	1	11	58		
04.40 05:00		U		12	0	ı		40		1		30		
05:00	0		1				16 10		0		17 15			
05:15	0		5		0		10		0		15			
05:30	0		2	_	1		9		1		11			
05:45	0	0	1	9	0	1	6	41	0	1	7	50		
06:00	0		2		0		3		0		5			
06:15	0		3		0		4		0		7			
06:30	0		1		1		0		1		1			
06:45	2	2	2	8	0	1	2	9	2	3	4	17		
07:00	1		2		0		1		1		3			
07:15	0		1		0		1		0		2			
07:30	1		1		0		1		1		2			
07:45	2	4	1	5	1	1	1	4	3	5	2	9		
08:00	2		2		1		1		3		3			
08:15	4		1		2		2		6		3			
08:30	7		1		2		0		9		1			
08:45	12	25	0	4	2	7	Ö	3	14	32	0	7		
09:00	21		ő	•	1	•	1	Ū	22	02	1	•		
09:00	8		0		5		0		13		0			
09:13	12		0				0		18		0			
		EF		^	6	40		4		71		4		
09:45	14	55	0	0	7	19	0	1	21	74	0	1		
10:00	17		0		5		0		22		0			
10:15	28		0		13		0		41		0			
10:30	14		0		4		0		18		0			
10:45	24	83	0	0	1	23	0	0	25	106	0	0		
11:00	23		0		2		0		25		0			
11:15	13		0		5		0		18		0			
11:30	19		0		5		1		24		1			
11:45	13	68	0	0	6	18	0	1	19	86	0	1		
Total	238		168		73		308		311		476			
Percent	76.5%		35.3%		23.5%		64.7%							
ay Total		406				38	1			787	7			
Peak	10:15	_	12:00	_	09:30	_	00:45	_	10:15	_	00:30	_	_	
Vol.	89	_	39	_	31	_	65	_	109	-	102	_	_	
P.H.F.	0.795		0.696		0.596		0.903		0.665		0.850			
1 .11.F.	0.135		0.030		0.530		0.903		0.000		0.030			



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Salit Sali	Start		CD.				NID				Comb	in		29-Aug-	
12:00			28				INB				ed			15	
12:15 0 7 0 8 0 0 15 12:30 0 10 10 0 20 12:44 0 0 7 7 0 0 6 31 0 0 13 61 01:15 0 11 0 0 7 7 0 0 6 31 0 0 13 61 01:15 0 11 1 0 0 13 0 0 24 01:30 0 10 0 0 7 7 0 0 16 7 0 0 17 0 14:45 0 0 7 7 35 0 0 9 9 35 0 0 16 70 02:30 0 13 0 10 0 0 23 0 24 0 0 23 0 0 14 0 0 23 0 24 0 0 23 0 0 14 0 0 23 0 0 14 0 0 23 0 0 14 0 0 23 0 0 14 0 0 18 0 0 24 0 0 18 0 0 14 0 0 18 0 0 18 0 0 18 0 0 14 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 0 0														Sat	
12:30 0 10 0 0 10 0 10 0 20 113 61 12:45 0 0 7 30 0 0 6 31 0 0 13 61 13 61 1150 0 1116 0 113 0 0 24 10:100 0 0 7 0 0 6 31 0 0 13 61 13 61 13 10:100 0 0 7 0 0 115 0 0 124 10:130 0 0 10 0 7 0 0 10 0 7 0 0 16 7 0 0 16 7 0 0 17 0 0 124 10:30 0 0 10 0 0 7 0 0 10 0 0 23 0 0 14 10 0 230 0 14 10 0 230 0 14 10 0 230 0 14 10 0 230 0 14 10 0 230 0 15 0 0 18 0 0 21 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 0										0					
12:45 0 0 7 30 0 0 6 31 0 0 13 61 01:55 0 11:00 0 7 0 6 0 13 01:15 0 0 11 0 0 13 01:15 0 0 11 0 0 13 01:15 0 0 11 0 0 13 0 0 24 0 13 0 0 14 0 13 0 0 14 0 15 0 0 17 0 1445 0 0 0 7 35 0 0 0 9 35 0 0 16 70 02:30 0 13 0 10 0 0 23 0 0 14 0 0 23 0 0 13 0 0 14 0 0 23 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 15 0 0 0 0	12:15			/								15			
01:00 0 7 0 6 0 13 01:15 0 111 0 133 0 24 01:30 0 10 10 0 7 0 16 0 17 01:45 0 0 7 35 0 0 9 35 0 0 16 70 02:00 0 13 0 18 0 23 02:15 0 5 0 8 0 9 0 14 02:30 0 13 0 8 35 0 0 15 73 03:30 0 10 0 8 35 0 0 15 73 03:30 0 10 0 8 35 0 0 15 73 03:30 0 18 0 10 0 15 73 03:30 0 15 0 9 0 14 0 23 03:30 0 15 0 9 0 14 0 23 03:30 0 5 7 38 0 0 8 35 0 0 15 73 03:45 0 9 0 14 0 23 03:45 0 0 5 27 0 0 6 38 0 0 13 65 73 04:00 0 3 3 7 0 4 4 0 7 7 7 0 12 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12:30		_	10								20			
01:15 0 11 0 13 0 24 01:15 0 17 01:45 0 0 17 01:45 0 0 17 01:45 0 0 0 7 35 0 0 9 35 0 0 16 70 02:20 0 0 13 0 0 9 0 0 14 02:30 02:15 0 5 0 9 0 0 14 02:30 02:15 0 0 13 0 0 8 0 0 21 02:30 0 13 0 0 10 0 0 18 0 0 21 02:30 0 0 13 0 0 8 0 0 15 73 03:30 0 0 15 73 03:30 0 0 15 0 0 15 0 0 18 03:35 0 0 15 73 03:30 0 0 5 0 0 14 0 0 23 03:30 0 0 5 0 0 14 0 0 23 03:30 0 0 5 0 0 14 0 0 0 18 0 0 0 13 0 0 0 0 0 13 0 0 0 0 0 14 0 0 0 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12:45		0		30		0		31		0		61		
01:430															
01:45 0 0 7 35 0 0 9 35 0 0 16 70 02:00 0 13 0 10 10 0 23 02:15 0 6 0 9 0 14 02:30 0 13 0 8 0 0 14 02:35 0 0 13 0 8 0 0 15 02:45 0 0 7 38 0 0 8 35 0 0 15 02:45 0 0 7 38 0 0 10 0 15 03:00 0 8 0 0 10 0 15 03:00 0 0 8 0 0 10 0 13 03:45 0 0 9 0 0 14 0 0 23 03:30 0 0 5 27 0 0 0 6 38 0 0 13 03:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 9 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 05:50 0 0 3 0 11 05:50 0 8 0 0 24 0 0 32 05:50 0 0 3 0 14 05:55 0 8 0 0 14 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0				0		13		0		24			
01:45 0 0 7 35 0 0 9 35 0 0 16 70 02:00 0 13 0 10 10 0 23 02:15 0 6 0 9 0 14 02:30 0 13 0 8 0 0 14 02:35 0 0 13 0 8 0 0 15 02:45 0 0 7 38 0 0 8 35 0 0 15 02:45 0 0 7 38 0 0 10 0 15 03:00 0 8 0 0 10 0 15 03:00 0 0 8 0 0 10 0 13 03:45 0 0 9 0 0 14 0 0 23 03:30 0 0 5 27 0 0 0 6 38 0 0 13 03:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 4 0 0 7 04:45 0 0 3 3 0 9 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 04:45 0 0 0 5 15 0 0 12 05:50 0 0 3 0 11 05:50 0 8 0 0 24 0 0 32 05:50 0 0 3 0 14 05:55 0 8 0 0 14 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	01:30	0		10		0		7		0		17			
02:15 0 0 13 0 0 10 0 23		0	0		35	0	0	9	35	0	0	16	70		
02:15 0 5 0 9 0 14 02:30 0 13 0 8 0 0 8 35 0 0 15 02:45 0 0 7 38 0 0 8 35 0 0 15 03:45 0 9 0 144 0 23 03:45 0 0 5 0 8 0 10 03:45 0 0 5 0 8 0 114 0 23 03:45 0 0 5 27 0 0 6 38 0 0 11 65 03:45 0 0 3 3 0 0 4 0 7 7 04:15 0 4 0 0 4 0 0 8 0 12 04:45 0 0 3 3 0 0 9 0 0 12 04:45 0 0 3 3 0 0 9 0 0 12 04:45 0 0 3 3 0 0 9 0 0 12 04:45 0 0 3 3 0 0 9 0 0 12 04:45 0 0 3 3 0 0 11 0 14 05:15 0 8 0 0 11 0 14 05:15 0 8 0 0 11 0 14 05:15 0 8 0 0 14 0 14 05:15 0 0 8 0 0 14 0 16 05:30 1 2 1 14 0 0 3 52 1 2 4 66 05:30 1 2 1 14 0 0 3 52 1 2 4 66 05:30 1 2 1 14 0 0 3 52 1 1 2 4 66 06:00 0 0 1 1 0 0 3 52 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0				0		10							
02:30				5											
02:45 0 0 7 38 0 0 8 35 0 0 15 73 03:00 0 8 0 10 14 0 23 03:15 0 9 0 0 14 0 23 03:30 0 0 5 0 0 8 0 0 11 65 03:35 0 0 13 0 13 03:45 0 0 5 27 0 0 0 6 38 0 0 0 11 65 04 0 0 3 0 0 1 0 14 04:00 0 3 0 0 1 0 12 04:00 0 0 3 0 0 12 29 0 0 17 44 05:00 0 0 3 0 0 11 0 0 14 05:00 0 0 3 0 0 11 0 0 14 05:00 0 0 3 0 0 11 0 0 14 05:00 0 0 3 0 0 11 0 0 14 05:00 0 0 3 0 0 11 0 0 14 05:00 0 0 0 1 1 1 0 0 14 06:00 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02:30			13											
03:00			0		38		٥		35		٥		73		
03:15 0 9 9 0 14 0 23 03:30 0 5 0 6 8 8 0 0 13 03:45 0 0 5 27 0 0 6 8 8 0 0 113 03:45 0 0 0 5 27 0 0 0 6 38 0 0 0 111 65 04.00 0 3 0 0 4 0 0 7 04:15 0 4 0 0 8 8 04:30 0 0 12 04:45 0 0 5 15 0 0 12 29 0 0 17 04:45 0 0 0 3 0 0 11 0 0 14 05:00 0 3 0 0 11 0 14 05:00 0 3 0 0 11 0 0 14 05:00 0 3 0 0 11 0 0 14 05:00 0 3 0 0 11 0 0 14 05:00 0 0 3 0 0 11 0 1 1 1 1 1 1 1 1 1 1 1			U		30		U		33		U		73		
03:30															
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08:30	08:00	1		1		0		0		1		1			
08:30	08:15	3		0		4		0		7		0			
08:45	08:30			0		2		2		2		2			
09:00 5 1 1 1 1 0 6 6 1 09:15 2 0 2 0 4 0 09:30 4 0 3 0 7 0 09:45 9 20 0 1 2 8 0 0 11 28 0 1 10:00 11 0 6 0 17 0 10:15 10 1 3 0 13 1 10:30 3 0 2 0 5 0 10:45 11 35 0 1 2 13 0 0 13 48 0 1 11:00 9 0 5 0 14 0 11:15 10 1 3 1 3 1 1 10:30 13 1 7 0 20 11 11:45 17 49 0 2 2 17 0 1 19 66 0 3 Total 121 178 48 240 169 418 Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587			11		1		7		2	8	18		3		
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11:00 9 0 5 0 14 0 11:15 10 1 3 1 13 2 11:30 13 1 7 0 20 1 11:45 17 49 0 2 2 17 0 1 19 66 0 3 Total 121 178 48 240 169 418 Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587 Peak 11:00 - 01:15 - - - Vol. 49 - 41 - 17 - 61 - 66 - 80 - -						2			_						
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11:45 17 49 0 2 2 17 0 1 19 66 0 3 Total 121 178 48 240 169 418 Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587 Peak 11:00 - 01:15 - - Vol. 49 - 41 - 17 - 61 - 66 - 80 - -	11:15	10		1				1				2			
11:45 17 49 0 2 2 17 0 1 19 66 0 3 Total 121 178 48 240 169 418 Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587 Peak 11:00 - 01:15 - - Vol. 49 - 41 - 17 - 61 - 66 - 80 - -		13		1		7		0		20		1			
Total 121 178 48 240 169 418 Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587 Peak 11:00 - 01:15 - 10:45 - 04:45 - 11:00 - 01:15 Vol. 49 - 41 - 17 - 61 - 66 - 80			49	0	2		17	0	1	19	66	0	3		
Percent 71.6% 42.6% 28.4% 57.4% ay Total 299 288 587 Peak 11:00 - 01:15 - 10:45 - 04:45 - 11:00 - 01:15	Total			178				240		169		418			
Peak 11:00 - 01:15 - 10:45 - 04:45 - 11:00 - 01:15 Vol. 49 - 41 - 17 - 61 - 66 - 80	Percent	71.6%		42.6%						.00					
Vol. 49 - 41 - 17 - 61 - 66 - 80	Day Total		299				28	8			58	7			
Vol. 49 - 41 - 17 - 61 - 66 - 80	Peak	11:00	_	01:15	_	10:45	_	04:45	_	11:00	_	01:15	_	_	
P.H.F. 0.721 0.788 0.607 0.635 0.825 0.833		49	_	41	_	17	_	61	_	66	-	80	-	_	
1.1.1. 0.121 0.100 0.001 0.000 0.000 0.000	PHE	0.721		0.788		0.607		0.635		0.0 0.825		U 833			
	P.H.F.	0.721		0.788		0.607		0.635		0.825		0.833			

Ref: 81787.19 April 23, 2019 Page 40

o Shawme Road



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

SB					(1.3999 Fax: 508					Date	e Start. Zi	-Aug-15
Start		Medium	Large			Ellidii. Udla	irequests@pui	IIC.COIII						
Time	Cars	Heavy	Heavy											Total
08/27/1	Ouro	riouvy	riouvy		-									Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
09:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
10:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
12 PM	6	1	0	0	0	0	0	0	0	0	0	0	0	7
13:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
15:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
16:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
17:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
18:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
19:00 20:00	3 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	3 2
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	110	1	0	0	0	0	0	0	0	0	0	0	0	111
Percent	99.1%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00			,							,			09:00
Vol.	14													14
PM	15:00	12:00												15:00
Peak Vol.	18	1												18
voi.	10	1												10



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SB			Date	Date Start: 27-Aug-1										
Start		Medium	Large			EIIIdii: Udla	requests@pdi	iic.com						
Time	Cars	Heavy	Heavy											Total
08/28/1	Cais	ricavy	ricavy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	Ō	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
09:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
10:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
11:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
12 PM	10	0	0	0	0	0	0	0	0	0	0	0	0	10
13:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
14:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
15:00	16	0	0	0	0	0	0	0	0	0	0	0	0	16
16:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
17:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
18:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
19:00	3	1	0	0	0	0	0	0	0	0	0	0	0	4
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	124	1	0	0	0	0	0	0	0	0	0	0	0	125
Percent	99.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00													09:00
Vol.	15													15
PM														
Peak	17:00	19:00												17:00
Vol.	18	1												18



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SB						Office: 508.481	1.3999 Fax: 50 requests@pdi					Date	e Start: 27	-Aug-15
Start		Medium	Lorgo			Email: data	requests@pai	iic.com						
Time	Cars	Heavy	Large Heavy											Total
08/29/1	Cais	пеачу	пеачу											Total
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	Ő	0	0	Ő	0
07:00	2	0	0	0	0	0	0	0	0	Ö	0	Ö	0	2
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
10:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
12 PM	6	0	0	0	0	0	0	0	0	0	0	0	0	6
13:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
14:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
15:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
18:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	81	0	0	0	0	0	0	0	0	0	0	0	0	81
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00													09:00
Vol.	4													4
PM														
Peak	14:00													14:00
Vol.	12													12



D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

NB			Date	Date Start: 27-Aug-1										
Start		Medium	Large			EIIIdii. Udla	requests@pdi	iic.com						
Time	Cars	Heavy	Heavy											Total
08/27/1	Cais	Heavy	Heavy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	Õ	0	0	0	0	Ő	Ő	0	0	Ő	0
07:00	4	Ö	0	0	0	0	0	0	0	Ö	0	Ö	0	4
08:00	19	0	0	0	0	0	0	0	0	0	0	0	0	19
09:00	17	Ö	0	0	0	0	0	0	0	Ö	0	Ö	0	17
10:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
11:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	8	1	0	0	0	0	0	0	0	0	0	0	0	9
13:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
14:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	8	1	0	0	0	0	0	0	0	0	0	0	0	9
16:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	119	2	0	0	0	0	0	0	0	0	0	0	0	121
Percent	98.3%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	08:00													08:00
Peak														
Vol.	19													19
PM	12:00	12:00												12:00
Peak		4												
Vol.	8	1												9



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NB			Date Start. 21-Aug-											
Start		Medium	Large			Liliali. data	requests@pdi	iic.com						
Time	Cars	Heavy	Heavy											Total
08/28/1	Ouro	ricavy	ricavy											
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00	23	0	0	0	0	0	0	0	0	0	0	0	0	23
09:00	20	1	0	0	0	0	0	0	0	0	0	0	0	21
10:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
11:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
12 PM	16	0	0	0	0	0	0	0	0	0	0	0	0	16
13:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
15:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
16:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	131	1	0	0	0	0	0	0	0	0	0	0	0	132
Percent	99.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	09:00												08:00
Vol.	23	1												23
PM	12:00													12:00
Peak Vol.	16													16



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NB			Date	Date Start: 27-Aug-1										
Start		Medium	Large			Liliali. uata	requests@pdi	iic.com						
Time	Cars	Heavy	Heavy											Total
08/29/1	Oars	ricavy	ricavy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	Ö	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
09:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
10:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
11:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
12 PM	7	0	0	0	0	0	0	0	0	0	0	0	0	7
13:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
15:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
16:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	86	0	0	0	0	0	0	0	0	0	0	0	0	86
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00													11:00
Vol.	13													13
PM Peak	14:00													14:00
Vol.	8													8



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12:00 0 2 0 12:15 0 2 0 12:30 0 2 0 12:45 0 0 1 7 0 01:00 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.M. 0 1 4 4 9 2 4 1 1 8 3 3 0 0 6 2 1 1 5 9 0 2 2 4 8 0 1 1 0 2 1 0 1 3 5 1 1 0 3	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 1 1 1	P.M. 2 3 6 5 4 10 3 2 3 4 5 3 5 5 8 9 7 4 1 3 1 6 2 2 3 2	16 19 15 27 22 9	15 Thu
12:00 0 2 0 12:15 0 2 0 12:30 0 2 0 12:45 0 0 1 7 01:00 0 2 0 01:15 0 6 1 01:30 0 2 0 01:45 0 0 1 11 02:00 0 0 0 0 0 02:30 0 5 0 0 0 0 02:30 0 5 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 4 4 9 2 4 1 1 1 8 3 3 0 0 0 6 2 1 1 1 5 9 0 2 2 2 4 8 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0	23654032345355897357413162232	19 15 27 22	
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12:45 0 0 1 7 0 01:00 0 0 1 7 0 01:15 0 6 1 0 01:45 0 0 1 11 0 02:00 0 0 0 0 0 0 02:15 0 1 0	0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	4 9 2 4 1 1 8 3 3 0 0 6 2 1 1 1 5 9 0 2 2 2 4 8 0 1 1 0 2 1 0 3 3 5 1 1 1 1	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0	5 4 10 3 2 3 4 5 3 5 5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	19 15 27 22	
01:00 0 2 0 01:15 0 6 1 01:30 0 2 0 01:45 0 0 1 11 02:00 0 0 0 0 02:15 0 1 0 0 02:245 0 0 3 9 0 03:00 1 3 0 0 0 03:30 0 7 0 0 0 03:35 0 1 4 18 0 04:00 0 7 0 0 0 04:15 0 1 4 18 0 04:30 0 3 14 0 0 05:15 0 0 3 14 0 05:00 0 4 0 0 0 05:30 0 2 0 0 0 06:45 1 1 1 1 0 0 06:45 <td< td=""><td>0</td><td>2 4 1 1 8 3 3 0 0 0 6 2 1 1 5 9 0 2 2 4 8 0 1 1 0 2 2 1 0 1 0 1 0 1 0 1 0 1 0 1 0</td><td>0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>1 0 1 0</td><td>4 10 3 2 3 4 5 3 5 5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3</td><td>19 15 27 22</td><td></td></td<>	0	2 4 1 1 8 3 3 0 0 0 6 2 1 1 5 9 0 2 2 4 8 0 1 1 0 2 2 1 0 1 0 1 0 1 0 1 0 1 0 1 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0	4 10 3 2 3 4 5 3 5 5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	19 15 27 22	
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01:45 0 0 1 11 0 02:00 0 0 0 0 0 02:15 0 1 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 8 3 3 0 0 6 2 1 1 1 5 9 0 2 2 2 4 8 0 1 1 1 0 2 1 0 1 3 5 1 1 1 1	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0	2 3 4 5 3 5 5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2	15 27 22 9	
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02:45 0 0 3 9 0 03:00 1 3 0 0 03:15 0 4 0 0 03:30 0 7 0 0 03:45 0 1 4 18 0 04:00 0 7 0 0 0 04:15 0 1 0 0 0 0 04:30 0 3 14 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 2 1 1 1 9 0 2 2 4 8 0 1 1 1 0 2 1 0 1 3 5 1 1 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0	3 5 5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2	27 22 9	
03:00 1 3 0 03:15 0 4 0 03:30 0 7 0 03:45 0 1 4 18 0 04:00 0 7 0 0 0 04:15 0 1 0 0 0 0 04:30 0 3 0<	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 5 9 0 2 2 2 4 8 0 1 1 0 2 1 0 2 1 0 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0	5 8 9 7 3 5 7 4 1 3 1 6 2 2 3 2	27 22 9	
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03:45 0 1 4 18 0 04:00 0 7 0 0 04:15 0 1 0 0 04:30 0 3 0 0 04:45 0 0 3 14 0 05:00 0 4 0 0 0 05:15 0 0 0 0 0 0 05:30 0 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 9 0 2 2 2 4 8 0 1 1 0 2 1 0 1 3 5 1 1	0 0 0 0 0 0 0 0 1 0 0	0	9 7 3 5 7 4 1 3 1 6 2 2 3 2	22 9	
04:00 0 7 0 04:15 0 1 0 04:30 0 3 0 04:45 0 0 3 14 05:00 0 4 0 05:15 0 0 0 05:30 0 2 0 05:45 1 1 1 7 0 06:00 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 2 2 2 4 8 0 1 1 1 0 2 1 0 1 3 5 1 1 1 1 1	0 0 0 0 0 0 0 1 0 0	0	7 3 5 7 4 1 3 1 6 2 2 3 2	22 9	
04:15 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	2 2 4 8 0 1 1 0 2 1 0 1 3 5 1 1	0 0 0 0 0 0 1 0 0 0	1	3 5 7 4 1 3 1 6 2 2 3 2	9	
04:30 0 3 14 0 04:45 0 0 3 14 0 05:00 0 4 0 0 05:15 0 0 0 0 05:45 1 1 1 7 0 06:00 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>2 4 8 0 1 1 0 2 1 0 1 3 5 1 1</td> <td>0 0 0 0 0 1 0 0 0</td> <td>1</td> <td>5 7 4 1 3 1 6 2 2 3 2</td> <td>9</td> <td></td>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 4 8 0 1 1 0 2 1 0 1 3 5 1 1	0 0 0 0 0 1 0 0 0	1	5 7 4 1 3 1 6 2 2 3 2	9	
04:45 0 0 3 14 0 05:00 0 4 0 0 05:15 0 0 0 0 05:30 0 2 0 0 05:45 1 1 1 7 0 06:00 0 5 0 0 0 0 06:15 0 2 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 8 0 1 1 0 2 1 0 1 3 5 1 1	0 0 0 0 1 0 0 0	1	7 4 1 3 1 6 2 2 3 2	9	
05:00 0 4 0 05:15 0 0 0 05:30 0 2 0 05:45 1 1 1 7 0 06:00 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 2 2 4	0 1 1 0 2 1 0 1 3 5 1 1	0 0 0 1 0 0 0	1	4 1 3 1 6 2 2 3 2	9	
05:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 2 4	1 1 0 2 1 0 1 3 5 1 1	0 0 1 0 0 0 1		1 3 1 6 2 2 3 2		
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05:45 1 1 1 7 0 06:00 0 5 0 0 06:15 0 2 0 06:30 0 1 0 0 06:45 1 1 0 8 0 07:00 0 1 0 8 0 07:15 0 1 0 1 1 07:30 0 0 1 3 2 08:00 0 0 1 3 2 08:00 0 0 0 2 0 08:30 1 1 5 0 3 09:00 4 1 1 3 3 09:15 5 0 3 3 3 9 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 0 1 3 5 1 1	1 0 0 0 1		1 6 2 2 3 2		
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06:15 0 2 0 06:30 0 1 0 06:45 1 1 0 8 0 07:00 0 1 0 0 0 07:15 0 1 1 0 0 1 0 0 0 1 0 0 0 1 3 2 0 0 1 3 2 0 0 1 3 2 0 0 0 2 0 2 0 2 0 0 0 2 0 0 0 1 3 2 0 0 0 0 2 0 <t< td=""><td>0 0 0 0 0 0 1 1 1 2 4</td><td>0 1 3 5 1 1</td><td>0 0 1 0</td><td>1</td><td>2 2 3 2</td><td>13</td><td></td></t<>	0 0 0 0 0 0 1 1 1 2 4	0 1 3 5 1 1	0 0 1 0	1	2 2 3 2	13	
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07:15 0 1 1 1 07:30 0 0 0 1 3 2 07:45 0 0 1 3 2 3 3 2 3 3 2 3 4 1 1 3 3 3 4 1 1 3 3 4 1 1 3 3 4 1 1 3 3 4 1 1 3 3 4 1 3 3 4 1 1 3 3 4 1 1 3 3 4 1 1 3 3 4 1 1 3 3 4 1 1 3 3 4	1 1 2 4 2	1					
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09:00 4 1 13 09:15 5 0 1 09:30 5 0 3 09:45 0 14 0 1	9 19	1 2	10	25	1	4	
09:15 5 0 1 09:30 5 0 3 09:45 0 14 0 1		0	17		1		
09:30 5 0 3 09:45 0 14 0 1		0	6		0		
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10:00 0 0		0	Ő	٠.	0	-	
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		0 0		15	0	0	
Total 31 80 67		54	98	10	134	0	
Percent 31.6% 59.7% 68.4%			90		134		
Day Total 111	121			232	!		
Peak 08:45 - 03:15 - 08:15					02:45	_	_
Vol. 15 - 22 - 30	5 - 00.3	:30 -	08:45	_	0.5010		
P.H.F. 0.750 0.786 0.577	5 - 00:3 0 - 1	:30 - 14 -	08:45 41	-	03:15 29	-	-



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

Time AM PM PM AM PM	Start		SB				NB				Combi ed	n		28-Aug- 15	
12:00	Time	A.M.		P.M.		A.M.		P.M.		A.M.	eu	P.M.		Fri	
12:15 0 4 1 3 3 1 7 7 12:30 0 0 1 1 0 0 5 6 0 1 8 12:45 0 0 0 3 10 0 1 5 16 0 1 8 12:45 0 0 0 3 10 0 1 5 16 0 1 8 10:100 0 6 6 0 2 2 0 0 4 10:130 0 2 2 0 0 4 10:130 0 0 2 2 0 0 4 10:145 0 0 0 1 12 0 0 2 7 0 0 3 19 10:200 0 0 2 2 0 0 0 0 2 10:145 0 0 1 1 0 0 1 0 0 2 10:15 0 0 1 1 0 0 1 0 0 2 10:15 0 0 1 1 0 0 1 1 0 0 2 10:15 0 0 1 1 0 0 1 1 0 0 2 10:15 0 0 1 1 0 0 1 1 0 0 2 10:15 0 0 0 1 1 5 0 0 0 2 10:15 0 0 1 1 5 0 0 0 2 5 0 0 0 3 19 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 5 0 0 0 2 5 0 0 0 3 10 10:15 0 0 0 1 1 1 0 0 0 2 5 0 0 0 8 10:15 0 0 0 1 1 0 0 0 2 1 0 0 0 8 10:15 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	12:00														
1230	12:15														
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01:30															
0145 0 0 1 12 0 0 2 7 0 0 3 19 02:00 0 0 2 0 0 0 0 2 7 0 0 0 3 19 02:015 0 1 1 0 0 1 0 1 0 0 2 0 0 0 0 0 0 0 0 0	01.10														
02:00	01.30		0		12		Λ	2	7		0		10		
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05:00 0	04:45	0	0	2	11	0	0	2	7	0	0	4	18		
06:15 0 7 0 1 0 1 0 8 05:30 0 6 0 0 3 0 9 06:45 0 0 1 18 0 0 0 8 0 0 1 26 06:00 0 2 0 1 18 0 0 0 3 06:30 1 2 0 0 1 1 1 3 3 06:30 1 2 0 0 1 1 1 3 3 06:30 1 2 3 10 1 1 0 0 2 2 3 3 3 12 07:00 0 4 0 0 0 0 0 4 1 1 3 3 07:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	05:00	0		4		0		4		0		8			
05:30	05:15	0		7		0		1		0		8			
06:45 0 0 1 1 18 0 0 0 1 8 0 0 1 26 06:00 0 0 2 0 0 1 0 0 3 06:15 0 3 0 0 0 0 3 06:30 1 2 0 0 1 1 1 3 06:30 1 2 3 10 1 1 0 2 2 3 3 3 12 07:00 0 4 0 0 0 0 0 0 0 0 0 07:45 0 0 0 0 0 0 0 0 0 0 0 07:45 1 1 0 0 4 3 5 0 0 4 6 0 4 08:00 1 0 0 0 0 0 0 0 0 0 08:30 0 0 0 0 0 0 0 0 0 0 0 0 08:45 1 5 0 0 13 23 1 2 14 28 1 2 09:00 3 0 0 11 0 0 14 0 0 0 0 0 0 0 08:45 1 5 0 0 13 23 1 2 14 28 1 2 09:00 3 0 0 11 0 14 0 0 0 0 0 0 0 0 09:45 3 15 0 1 3 21 0 0 6 36 0 1 10:00 2 0 6 1 8 1 8 1 1 10:15 1 0 0 4 4 0 5 5 0 0 10:45 0 6 0 0 4 14 0 1 1 1 1 1 1 10:15 1 0 0 4 14 0 0 5 0 0 10:45 0 6 0 0 4 14 0 1 1 1 1 1 10:15 1 0 0 4 14 0 1 1 4 20 0 1 11:10 3 0 0 0 0 0 0 0 0 0 0 0 10:45 0 6 0 0 4 14 0 1 1 1 1 1 1 11:10 3 0 0 0 0 0 0 0 0 0 0 0 0 0 10:45 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 10:45 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11:10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				6		0		3		0					
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09:45	09:15											-			
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10:00 2 0 6 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			15	0	1		21	0	0		36	0	1		
10:15	10:00			0				1		8		1			
10:30	10:15	1		0		4		0		5		0			
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11:00 3 0 2 0 5 0 11:15 2 1 1 1 1 3 2 11:30 2 1 2 0 4 1 11:45 0 7 0 2 0 5 0 1 0 12 0 3 Total 36 89 70 62 106 151 Percent 34.0% 58.9% 66.0% 41.1% Pay Total 125 132 257 Peak 09:00 - 04:45 - 08:45 - 12:00 - 08:45 - 00:15 Vol. 15 - 19 - 31 - 16 - 44 - 29	10:45		6	0	0		14	0	1		20	0	1		
11:15	11:00														
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11:45 0 7 0 2 0 5 0 1 0 12 0 3 Total 36 89 70 62 106 151 Percent 34.0% 58.9% 66.0% 41.1% Pay Total 125 132 257 Peak 09:00 - 04:45 - 08:45 - 12:00 - 08:45 - 00:15 00:15 Vol. 15 - 19 - 31 - 16 - 44 - 29	11:30														
Total 36 89 70 62 106 151 Percent 34.0% 58.9% 66.0% 41.1% Pay Total 125 132 257 Peak 09:00 - 04:45 - 08:45 - 12:00 - 08:45 - 00:15 Vol. 15 - 19 - 31 - 16 - 44 - 29			7		2		5		1		12		3		
Percent 34.0% 58.9% 66.0% 41.1% Pay Total 125 132 257 Peak 09:00 - 04:45 - 08:45 - 12:00 - 08:45 - 00:15 Vol. 15 - 19 - 31 - 16 - 44 - 29				89		70				106	12				
Peak 09:00 - 04:45 - 08:45 - 12:00 - 08:45 - 00:15 Vol. 15 - 19 - 31 - 16 - 44 - 29	Percent									100		131			
Vol. 15 - 19 - 31 - 16 - 44 - 29	Day Total		125				132				257	•			
Vol. 15 - 19 - 31 - 16 - 44 - 29	Peak	09:00	_	04:45	_	08:45	_	12:00	_	08:45	_	00:15	_	_	
P.H.F. 0.750 0.679 0.596 0.800 0.786 0.906	\/ol		-		-		_	16	-	11 11	-		_	_	
0.000 0.000 0.000 0.000			-		-		-		-	44 0 786	-		-	-	
	P.H.F.	0.750		0.079		0.596		0.800		0.786		0.906			

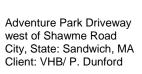


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Start		SB				NB				Combi	n		29-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Sat	
12:00	0		1		0		2		0		3		Out	
12:15	0		3		0		1		0		4			
12:30	1		0		0		2		1		2			
12:45	0	1	2	6	0	0	2	7	0	1	4	13		
01:00	0		1		0		4		0		5			
01:15	0		2		0		1		0		3			
01:30	0		3		0		1		0		4			
01:45	Ō	0	2	8	0	0	1	7	0	0	3	15		
02:00	0	-	2	-	0	-	4	•	0	•	6			
02:15	Ö		4		Ö		1		Ö		5			
02:30	0		4		0		1		0		5			
02:45	0	0	2	12	Ő	0	2	8	Ö	0	4	20		
03:00	0	Ü	1	12	0	· ·	0	O	0	O	1	20		
03:15	0		2		0		2		0		4			
03:30	0		2		0		1		0		3			
03:45	0	0	4	9	0	0	1	4	0	0	5	13		
04:00	0	U	2	9	0	U	1	4	0	U	3	13		
04:00	0		1		0		0		0		1			
04:13	0		3		0		1		0		4			
04.30	0	0	2	8	0	0	0	2	0	0	2	10		
04.43		U		0		U	0	2		U		10		
05:00	0		0		0				0		0			
05:15	0		5		0		0		0		5			
05:30	1	4	0		0	^	1	4	1	4	1	7		
05:45	0	1	1	6	0	0	0	1	0	1	1	7		
06:00	0		0		0		0		0		0			
06:15	0		0		0		1		0		1			
06:30	0	0	0	_	0	_	0	•	0	^	0	•		
06:45	0	0	3	3	0	0	2	3	0	0	5	6		
07:00	0		1		1		0		1		1			
07:15	0		3		0		0		0		3			
07:30	1		0	_	2		0		3		0			
07:45	1	2	2	6	1	4	0	0	2	6	2	6		
08:00	1		0		2		0		3		0			
08:15	1		0		2		1		3		1			
08:30	0		0		2		0		2		0			
08:45	0	2	0	0	6	12	0	1	6	14	0	1		
09:00	0		0		5		0		5		0			
09:15	1		1		1		0		2		1			
09:30	2		0		2		0		4		0			
09:45	1	4	0	1	3	11	1	1	4	15	1	2		
10:00	1		2		2		2		3		4			
10:15	0		2		3		0		3		2			
10:30	2		0		2		0		4		0			
10:45	1	4	0	4	3	10	0	2	4	14	0	6		
11:00	1		0		3		0		4		0			
11:15	2		0		5		0		7		0			
11:30	1		0		4		0		5		0			
11:45	0	4	0	0	1	13	0	0	1	17	0	0		
Total Percent	18 26.5%		63 63.6%		50 73.5%		36 36.4%		68		99			
Day Total		81				86				167				
Peak	10:30	-	01:45	-	08:15	-	00:15	-	10:45	-	02:00	-	-	
Vol.	6 0.750	-	12 0.750	-	15 0.625	-	9 0.563	-	20 0.714	-	20 0.833	-	-	
P.H.F.														

Ref: 81787.19 April 23, 2019 Page 41

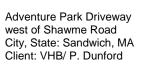
Adventure Park Driveway (west of Shawme Road)





P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@odillc.com

MD							1.3999 Fax: 50					Date	e Start: 21	/-Aug-15
WB		N 4 - 12				Email: data	requests@pdi	llc.com						
Start	0	Medium	Large											T
Time	Cars	Heavy	Heavy											Total
08/27/1	•	0	•		•	•	•	•	0	•	0	•	0	•
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	17	1	0	0	0	0	0	0	0	0	0	0	0	18
09:00	24	0	0	0	0	0	0	0	0	0	0	0	0	24
10:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
11:00	24	0	0	0	0	0	0	0	0	0	0	0	0	24
12 PM	20	0	0	0	0	0	0	0	0	0	0	0	0	20
13:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
15:00	7	1	0	0	0	0	0	0	0	0	0	0	0	8
16:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
17:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	140	2	0	0	0	0	0	0	0	0	0	0	0	142
Percent	98.6%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	00.00	00.00												00.00
Peak	09:00	08:00												09:00
Vol.	24	1												24
PM	12:00	15:00												12:00
Peak														
Vol.	20	1												20





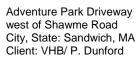
P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@ndille.com

WB						Email: data	requests@pdil	llc.com						
Start		Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/28/1														
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00	19	0	0	0	0	0	0	0	0	0	0	0	0	19
09:00	26	0	0	0	0	0	0	0	0	0	0	0	0	26
10:00	55	1	0	0	0	0	0	0	0	0	0	0	0	56
11:00	78	0	0	0	0	0	0	0	0	0	0	0	0	78
12 PM	29	0	0	0	0	0	0	0	0	0	0	0	0	29
13:00	13	0	0	0	0	0	0	0	0	0	0	0	0	13
14:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	12	1	0	0	0	0	0	0	0	0	0	0	0	13
16:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
17:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	247	2	0	0	0	0	0	0	0	0	0	0	0	249
Percent	99.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	10:00												11:00
Peak		10.00												
Vol.	78	1												78
PM	12:00	15:00												12:00
Peak		10.00												
Vol.	29	1												29



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MD					(Office: 508.481						Date	e Start: 21	-Aug-15
WB		NA . P				Email: data	requests@pdil	llc.com						
Start	0	Medium	Large											T
Time	Cars	Heavy	Heavy											Total
08/29/1	0	0	0	•	•	•	•	0	0	•	•	0	•	•
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
09:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
10:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
11:00	18	0	0	0	0	0	0	0	0	0	0	0	0	18
12 PM	16	0	0	0	0	0	0	0	0	0	0	0	0	16
13:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	15	0	0	0	0	0	0	0	0	0	0	0	0	15
15:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	135	0	0	0	0	0	0	0	0	0	0	0	0	135
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	10:00													10:00
Peak	10.00													10.00
Vol.	21													21
PM	12:00													12:00
Peak														
Vol.	16													16





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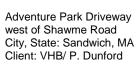
					(Office: 508.481	.3999 Fax: 508	8.545.1234				Date	e Start: 27	'-Aug-15
EB						Email: data	requests@pdi	llc.com						
Start	_	Medium	Large											-
Time	Cars	Heavy	Heavy											Total
08/27/1	•	•	•	•						•	•		•	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7
10:00	22	0	0	0	0	0	0	0	0	0	0	0	0	22
11:00	12	0	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	21	0	0	0	0	0	0	0	0	0	0	0	0	21
13:00	21	0	0	0	0	0	0	0	0	0	0	0	0	21
14:00	20	0	0	0	0	0	0	0	0	0	0	0	0	20
15:00	14	1	0	0	0	0	0	0	0	0	0	0	0	15
16:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
17:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
19:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	147	1	0	0	0	0	0	0	0	0	0	0	0	148
Percent	99.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	10:00													10:00
Peak														
Vol.	22													22
PM	12:00	15:00												12:00
Peak		10.00												
Vol.	21	1												21





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ED					(.3999 Fax: 508					Date	e Start: 21	-Aug-15
EB Start		Medium	Larga			Email: data	requests@pdil	lc.com						
Time	Cars	Heavy	Large Heavy											Total
08/28/1	Cais	пеачу	пеачу											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	Ô	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	18	1	0	0	0	0	0	0	0	0	0	0	0	19
10:00	12	1	0	0	Ö	Ö	0	0	0	0	0	0	Ö	13
11:00	10	0	0	0	0	0	0	0	0	0	0	0	0	10
12 PM	33	0	0	0	0	0	0	0	0	0	0	0	0	33
13:00	48	0	0	0	0	0	0	0	0	0	0	0	0	48
14:00	35	0	0	0	0	0	0	0	0	0	0	0	0	35
15:00	32	0	0	0	0	0	0	0	0	0	0	0	0	32
16:00	20	0	0	0	0	0	0	0	0	0	0	0	0	20
17:00	16	0	0	0	0	0	0	0	0	0	0	0	0	16
18:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	234	2	0	0	0	0	0	0	0	0	0	0	0	236
Percent	99.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
_AM	09:00	09:00												09:00
Peak														
Vol.	18	1												19
PM	13:00													13:00
Peak														
Vol.	48													48





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EB					(Office: 508.481						Date	e Start: 21	-Aug-15
Start		Medium	Lorgo			Email: data	requests@pdi	IIC.com						
Time	Cars	Heavy	Large Heavy											Total
08/29/1	Cais	Heavy	Heavy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	Ö	Õ	Ö	Ö	0	0	0	Õ	Õ	Ö	0	Ö	Ö	Õ
06:00	Ō	0	0	0	Ö	Ö	0	0	0	0	Ö	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
11:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
12 PM	17	0	0	0	0	0	0	0	0	0	0	0	0	17
13:00	23	0	0	0	0	0	0	0	0	0	0	0	0	23
14:00	26	0	0	0	0	0	0	0	0	0	0	0	0	26
15:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5
16:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14
17:00	11	0	0	0	0	0	0	0	0	0	0	0	0	11
18:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8
19:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	130	0	0	0	0	0	0	0	0	0	0	0	0	130
Percent AM	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Peak	11:00													11:00
Vol.	9													9
PM														
Peak	14:00													14:00
Vol.	26													26
VOI.	20													20



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Start		WB				EB				Comb	in		27-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Thu	
12:00	0		11		0		6		0		17		IIIu	
12:15	Ö		3		Ö		3		Ö		6			
12:30	0		3 3		0		7		0		10			
12:45	0	0	3	20	Ö	0	5	21	Ö	0	8	41		
01:00	0	•	2		0		7		0	_	9			
01:15	0		2		0		4		0		6			
01:30	Ö		2		Ő		5		Ő		7			
01:45	Ö	0	1	7	Ő	0	5	21	Ő	0	6	28		
02:00	Ö	·	6		Ő	· ·	3		Ő	· ·	9			
02:15	Ö		6		Ő		8		Ő		14			
02:30	0		1		Ö		6		Ö		7			
02:45	0	0	1	14	Ö	0	3	20	Ö	0	4	34		
03:00	Ö	·	1	• • •	Ő	· ·	6		Ő	· ·	7	0.		
03:15	0		1		Ő		2		Ő		3			
03:30	Ö		4		ő		4		ő		8			
03:45	0	0	2	8	Ö	0	3	15	Ö	0	5	23		
04:00	0	J	1	J	0	J	6		0	J	7	_0		
04:15	0		0		0		3		0		3			
04:30	0		0		0		3		0		3			
04:45	0	0	2	3	0	0	2	14	0	0	4	17		
05:00	0	O	0	J	0	O	0	17	0	O	0	.,		
05:15	0		0		0		2		0		2			
05:30	0		1		0		1		0		2			
05:45	0	0	0	1	0	0	2	5	0	0	2	6		
06:00	0	O	0	•	0	O	5	J	0	· ·	5	O		
06:15	0		0		0		1		0		1			
06:30	0		0		0		2		0		2			
06:45	0	0	0	0	0	0	1	9	0	0	1	9		
07:00	0	U	0	U	0	U	2	3	0	U	2	3		
07:15	0		0		0		0		0		0			
07:10	2		0		0		0		2		0			
07:45	0	2	0	0	0	0	0	2	0	2	0	2		
08:00	3	_	0	Ū	0	O	0	_	3	_	0	_		
08:15	5		0		0		0		5		0			
08:30	5		0		0		0		5		0			
08:45	5	18	0	0	0	0	0	0	5	18	0	0		
09:00	5	10	0	Ū	0	O	0	O	5	10	0	O		
09:00	6		0		0		0		6		0			
09:13	7		0		5		0		12		0			
09:30	6	24	0	0	2	7	0	0	8	31	0	0		
10:00	3	44	0	U	7	,	0	U	10	31	0	U		
10:00	5 6		0		2		0		8		0			
10:15			0		5		0		0 13		0			
10:30	8 4	21	0	0	5 8	22	0	0	13	43		0		
11:00	1	۷1	0	U	4	22	0	U	5	43	0 0	U		
	4		0		3		0		5 7		0			
11:15														
11:30 11:45	6 13	24	0 0	0	1 4	10	0 0	Λ	7 17	26	0 0	0		
Total	13 89	24	53	U	41	12	107	0	130	36	160	U		
Percent	68.5%		33.1%		31.5%		66.9%		130		160			
Day Total		142				148	3			290)			
Peak	09:00	_	12:00	_	10:00	_	00:30	_	10:00	_	12:00	_	_	
Vol.	24	-	20	-	22	-	23	-	43	-	41	-	_	
P.H.F.	0.857	-	0.455	-	0.688	-	0.821	-	0.827	-	0.603	-	-	
r.n.r.	0.007		0.400		0.000		U.02 I		0.027		0.003			



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Start		WB				EB				Combi	n		28-Aug-	
	Λ Μ	11.5	P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Fri	
Time 12:00	A.M. 0		13		0 0		5		0 A.IVI.	-	18	-	FII	
12:15	0		11		0		10		0		21			
12:30	0		2		0		4		0		6			
12:45	0	0	3	29	0	0	14	33	0	0	17	62		
01:00	0	O	5	20	0	O	15	00	0	O	20	02		
01:15	0		2		0		12		0		14			
01:30	0		2		0		13		0		15			
01:45	0	0	4	13	0	0	8	48	0	0	12	61		
02:00	0	U	2	13	0	U	11	40	0	U	13	01		
02:00	0		0		0		8		0		8			
02:13	0				0				0		10			
02:30	0	0	2	6	0	0	8	35	0	0	10	41		
		U	2	0		U	8	33		U		41		
03:00	0		4		0		9		0		13 12			
03:15	0		3		0		9		0					
03:30	0	^	3	40	0	0	8	20	0	0	11	45		
03:45	0	0	3	13	0	0	6	32	0	0	9	45		
04:00	0		1		0		9		0		10			
04:15	0		1		0		7		0		8			
04:30	0	^	0	^	0	^	1	00	0	^	1	00		
04:45	0	0	1	3	0	0	3	20	0	0	4	23		
05:00	0		0		0		5		0		5			
05:15	0		1		0		2		0		3			
05:30	0		0		0		3		0		3			
05:45	0	0	0	1	0	0	6	16	0	0	6	17		
06:00	0		0		0		3		0		3			
06:15	0		0		0		3		0		3			
06:30	0		0		0		3		0		3			
06:45	0	0	0	0	0	0	0	9	0	0	0	9		
07:00	1		0		0		0		1		0			
07:15	0		0		0		0		0		0			
07:30	2		0		0		0		2		0			
07:45	2	5	0	0	0	0	0	0	2	5	0	0		
08:00	3		0		1		0		4		0			
08:15	4		0		0		0		4		0			
08:30	6		0		0		0		6		0			
08:45	6	19	0	0	0	1	0	0	6	20	0	0		
09:00	13		0		4		0		17		0			
09:15	6		0		2		0		8		0			
09:30	5		0		6		0		11		0			
09:45	2	26	0	0	7	19	0	0	9	45	0	0		
10:00	8		0		6		0		14		0			
10:15	2		0		2		0		4		0			
10:30	14		0		4		0		18		0			
10:45	32	56	0	0	1	13	0	0	33	69	0	0		
11:00	35		Ö	-	5	• •	Ö	-	40		Ö	-		
11:15	21		0		3		0		24		0			
11:30	12		Ö		2		Ö		14		Ö			
11:45	10	78	Õ	0	0	10	0	0	10	88	Ő	0		
Total	184		65		43	10	193		227		258			
Percent	81.1%		25.2%		18.9%		74.8%				200			
ay Total		249				236	6			485	5			
Peak	10:30	_	12:00	_	09:15	_	00:45	_	10:30	_	00:45	_	_	
Vol.	102	-	29	-	21	-	54	-	115	-	66	-	-	
P.H.F.	0.729		0.558		0.750		0.900		0.719		0.825			
	J <u>2</u> 0		3.000		550		5.555		510		0.0_0			

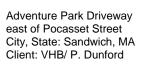


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Start		WB				EB		-		Comb	in		29-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Sat	
12:00	0		4		0		1		0		5		Out	
12:15	0		6		0		2		0		8			
12:30	0		3		0		8		0		11			
12:45	Ő	0	3	16	Ö	0	6	17	Ö	0	9	33		
01:00	Ő	Ü	2		Ö	Ů	3		Ö	·	5	00		
01:15	0		7		0		9		0		16			
01:30	0		0		0		4		0		4			
01:45	0	0	2	11	0	0	7	23	0	0	9	34		
02:00	0	U	5		0	U	5	23	0	U	10	34		
02.00														
02:15	0		3		0		8		0		11			
02:30	0	•	4	4-	0	•	9		0	•	13			
02:45	0	0	3	15	0	0	4	26	0	0	7	41		
03:00	0		5		0		2		0		7			
03:15	0		4		0		3		0		7			
03:30	0		0		0		0		0		0			
03:45	0	0	0	9	0	0	0	5	0	0	0	14		
04:00	0		0		0		2		0		2			
04:15	0		3		0		0		0		3			
04:30	0		4		0		5		0		9			
04:45	0	0	4	11	0	0	7	14	0	0	11	25		
05:00	Ő	Ü	2	• • •	Ö	Ů	5		Ö	·	7			
05:15	0		0		0		3		0		3			
05:30	0		0		0		1		0		1			
05:45	0	0		2	0	0	2	11	0	0	2	13		
05:45		U	0	2		U		11		U		13		
06:00	0		0		0		4		0		4			
06:15	0		1		0		3		0		4			
06:30	0		0		0		0		0		0			
06:45	0	0	0	1	0	0	1	8	0	0	1	9		
07:00	0		0		0		1		0		1			
07:15	0		0		0		2		0		2			
07:30	1		0		0		3		1		3			
07:45	1	2	0	0	0	0	0	6	1	2	0	6		
08:00	2		0		0		0		2		0			
08:15	4		0		0		0		4		0			
08:30	1		0		0		Ō		1		Ö			
08:45	8	15	Ö	0	Ö	0	Ö	0	8	15	0	0		
09:00	4	10	Ö	·	Ö	Ů	ő	Ū	4		0	·		
09:00	3		0		0		0		3		0			
09:15	3		0		1		0		4		0			
09:30	4	14		0	2	3	0	0		17	0	0		
		14	0	U		3		U	6	17		0		
10:00	7		0		1		0		8		0			
10:15	6		0		3		0		9		0			
10:30	5		0		1		0		6		0			
10:45	3	21	0	0	3	8	0	0	6	29	0	0		
11:00	6		0		1		0		7		0			
11:15	6		0		5		0		11		0			
11:30	3		0		2		0		5		0			
11:45	3	18	0	0	1	9	0	0	4	27	0	0		
Total	70		65		20		110		90		175			
Percent	77.8%		37.1%		22.2%		62.9%				-			
Day Total		135				130				265	5			
Peak	09:45	_	12:00	_	10:45	_	01:45	_	10:30	_	01:45	_	_	
Vol.	22	_	16	_	10.43	_	29	_	30	_	43	_	_	
P.H.F.		-		•	0.550	-		-	0.682	-	13 0 672	-	-	
г.п.г.	0.786		0.667		0.550		0.806		0.002		0.672			

Ref: 81787.19 April 23, 2019 Page 42

Adventure Park Driveway (east of Pocasset Street)





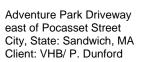
P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@odillc.com

14/5					(.3999 Fax: 508					Date	e Start: 21	-Aug-15
WB						Email: data	requests@pdil	llc.com						
Start	_	Medium	Large											
Time	Cars	Heavy	Heavy											Total
08/27/1	_	_	_	_	_		_	_	_			_		_
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	1	0	0	0	0	0	0	0	0	0	0	0	8
Percent	87.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	11:00	08:00												11:00
Peak		00.00												
Vol.	3	1												3_
PM	17:00													17:00
Peak														
Vol.	2													2



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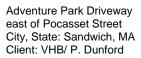
WB					(Office: 508.481	.3999 Fax: 508					Date	3 Start. 21	-Aug-15
Start		Medium	Large			EIIIdii: Udla	requests@pui	IIC.COIII						
Time	Cars	Heavy	Heavy											Total
08/28/1	Ouro	riouvy	riouvy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	9	0	0	0	0	0	0	0	0	0	0	0	0	9
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
12 PM	3	0	0	0	0	0	0	0	0	0	0	0	0	3
13:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
14:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
15:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00 20:00	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0
20:00	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0
21.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	29	1	0	0	0	0	0	0	0	0	0	0	0	30
Percent	96.7%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30
AM	10:00													10:00
Peak Vol.	9													9
PM														
Peak	13:00	15:00												13:00
Vol.	6	1												6





P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@odillc.com

WB						Office: 508.481						Date	e Start: 27	'-Aug-15
Start		Medium	Lormo			Email: data	requests@pdi	iic.com						
Time	Cars	Heavy	Large Heavy											Total
08/29/1	Cars	пеачу	пеачу											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	Ő	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	Ö	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
14:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	0	0	0	0	0	0	0	0	0	0	0	0	14
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	08:00													08:00
Peak	4													4
Vol. PM	1													1
Pivi Peak	16:00													16:00
Vol.	4													4





D A T A
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503
Office: 508.481.3999 Fax: 508.545.1234
Email: datarequests@pdillc.com

ED						Office: 508.481						Date	e Start: 27	-Aug-15
EB		N 4 . P				Email: data	requests@pdi	llc.com						
Start Time	Coro	Medium	Large											Total
08/27/1	Cars	Heavy	Heavy											Total
	0	0	0	0	^	0	0	0	0	0	^	0	0	0
5	0	0	0	0 0	0 0	0 0	0	0	0 0	0 0	0 0	0 0	0	0 0
01:00 02:00		0	0	0	0	0	0	0	0		0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0
03.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	2	0	0	0	0	0	0	0	0	0	0	0	0	2
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
16:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
18:00	0	0	Ō	0	0	0	0	0	0	Ö	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18	0	0	0	0	0	0	0	0	0	0	0	0	18
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM	09:00													09:00
Peak	09.00													09.00
Vol.	4													4
PM	12:00													12:00
Peak														
Vol.	2													2



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

EB					(Office: 508.481	.3999 Fax: 508	8.545.1234				Date	e Start: 27	-Aug-15
Start		Medium	Lorgo			Email: data	requests@pdi	IIC.com						
Time	Cars	Heavy	Large Heavy											Total
08/28/1	Cais	Heavy	Heavy											Total
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	ő	Ö	0	Ö	0	Õ	Ő	0	0	Ö	0	Õ
06:00	0	0	0	0	Ö	Ö	0	0	0	0	Ö	0	Ö	0
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4
09:00	2	1	0	0	0	0	0	0	0	0	0	0	0	3
10:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
12 PM	3	0	0	0	0	0	0	0	0	0	0	0	0	3
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
16:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20	1	0	0	0	0	0	0	0	0	0	0	0	21
Percent	95.2%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	09:00												08:00
Vol.	1	1												1
PM	4	1												4_
Peak	12:00													12:00
Vol.	3													3
VOI.	3													3



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datareguests@odillc.com

ED						Office: 508.481						Date	e Start: 27	-Aug-15
EB		NA - di	1			Email: data	requests@pdi	llc.com						
Start	0	Medium	Large											T-4-1
Time	Cars	Heavy	Heavy											Total
08/29/1	0	0	0	0	•	^	•	0	0	0	•	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
14:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
16:00	2	0 0	0 0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	2
17:00 18:00	1	0	-	0 0	-	-	0	0	-	0	-	0	-	0
19:00	0	0	0 0	0	0 0	0 0	0	0	0 0	0 0	0	0 0	0 0	1
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	17	1	0	0	0	0	0	0	0	0	0	0	0	18
Percent	94.4%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10
AM	08:00	07:00												07:00
Peak		07.00												
Vol.	2	1												2
PM	13:00													13:00
Peak Vol.	2													2
v OI.														_



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Start		WB				EB	-			Combin	-		27-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Thu	
12:00	0		0		0	-	0		0		0		IIIu	
12:15	Ö		Ö		Ö		Ö		Ö		Ő			
12:30	Ö		0		Õ		2		Ö		2			
12:45	Ö	0	Ő	0	Ő	0	0	2	Ö	0	0	2		
01:00	Ö	·	Ő	Ū	Ő	v	Ö	_	Ö	Ū	Ő	_		
01:15	0		0		0		0		0		0			
01:30	0		0		0		0		0		0			
01:45	0	0	0	0	0	0	1	1	0	0	1	1		
02:00	0	U	0	U	0	U	i	'	0	U	i	'		
02:00	0		0		0		0		0		0			
02:13	0		0		0		0		0		0			
		0		0		0		4		0		4		
02:45	0	0	0	0	0	0	0	1	0	0	0	1		
03:00	0		0		0		1		0		1			
03:15	0		0		0		0		0		0			
03:30	0		0	_	0		1	_	0		1	_		
03:45	0	0	0	0	0	0	0	2	0	0	0	2		
04:00	0		0		0		0		0		0			
04:15	0		0		0		1		0		1			
04:30	0		1		0		0		0		1			
04:45	0	0	0	1	0	0	0	1	0	0	0	2		
05:00	0		0		0		0		0		0			
05:15	0		0		0		1		0		1			
05:30	0		1		0		0		0		1			
05:45	0	0	1	2	0	0	1	2	0	0	2	4		
06:00	0		1		0		0		0		1			
06:15	0		0		0		0		0		0			
06:30	Ō		Ö		0		Ö		0		Ō			
06:45	Ö	0	Ö	1	Õ	0	Ö	0	Ö	0	Ö	1		
07:00	Ö	·	Ő	•	Ő	v	ő	Ū	Ö	Ū	Ő	•		
07:15	0		0		0		0		0		0			
07:30	0		0		1		0		1		0			
07:30	0	0	0	0	0	1	0	0	0	1	0	0		
08:00	0	U	0	U	0	ı,	0	U	0		0	U		
00.00														
08:15	1		0		2		0		3		0			
08:30	0		0	•	0	•	0	•	0	•	0	•		
08:45	0	1	0	0	0	2	0	0	0	3	0	0		
09:00	0		0		1		0		1		0			
09:15	0		0		1		0		1		0			
09:30	0		0		2		0		2		0			
09:45	0	0	0	0	0	4	0	0	0	4	0	0		
10:00	0		0		0		0		0		0			
10:15	0		0		0		0		0		0			
10:30	0		0		0		0		0		0			
10:45	0	0	0	0	0	0	0	0	0	0	0	0		
11:00	0		0		1		0		1		0			
11:15	2		0		1		0		3		0			
11:30	1		Ő		0		Ö		1		Ő			
11:45	0	3	0	0	0	2	0	0	0	5	0	0		
Total	4		4		9		9		13		13			
Percent	30.8%		30.8%		69.2%	(69.2%		10		10			
ay Total		8				18				26				
Peak	10:45	_	05:15	_	08:45	_	12:00	_	10:45	_	05:15	_	_	
Vol.	3	-	3	_	4	_	2	-	5	-	5	-	_	
P.H.F.		-	0.750	-	0.500	-	0.250	-	0.417	-	0.625	-	-	
г.п.г.	0.375		0.750		0.500		0.250		0.41/		0.023			



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Start		WB				EB				Combi	n		28-Aug-	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	ed	P.M.		15 Fri	
12:00	0		1		0		0		0		1			
12:15	Ö		0		Ö		2		Ö		2			
12:30	0		2		Ö		0		Ö		2			
12:45	0	0	0	3	0	0	1	3	0	0	1	6		
01:00	0	U	0	O	0	O	0	J	0	U	0	O		
01:00	0		3		0		0		0		3			
01:30	0		2		0		1		0		3			
		0		6		0	-	4		0		7		
01:45	0	0	1	6	0	0	0	1	0	0	1	7		
02:00	0		1		0		0		0		1			
02:15	0		0		0		0		0		0			
02:30	0		0		0		0		0		0			
02:45	0	0	2	3	0	0	0	0	0	0	2	3		
03:00	0		1		0		0		0		1			
03:15	0		0		0		0		0		0			
03:30	0		0		0		1		0		1			
03:45	0	0	0	1	0	0	1	2	0	0	1	3		
04:00	0		0		0		1		0		1			
04:15	0		0		0		0		0		0			
04:30	0		Ö		Ö		Ö		Ö		Ö			
04:45	Ö	0	Ő	0	Ö	0	0	1	Ö	0	Ő	1		
05:00	0	U	0	U	0	U	0	'	0	U	0	'		
05:00	0		0		0		0		0		0			
05.15											0			
05:30	0	0	0	^	0	0	0	•	0	0		^		
05:45	0	0	0	0	0	0	0	0	0	0	0	0		
06:00	0		2		0		0		0		2			
06:15	0		0		0		0		0		0			
06:30	0		0		0		0		0		0			
06:45	0	0	1	3	0	0	0	0	0	0	1	3		
07:00	0		0		0		0		0		0			
07:15	0		0		0		0		0		0			
07:30	0		0		0		0		0		0			
07:45	0	0	0	0	1	1	0	0	1	1	0	0		
08:00	0		0		0		0		0		0			
08:15	0		Ö		1		Ö		1		Ö			
08:30	1		Ő		1		0		2		Ő			
08:45	0	1	0	0	2	4	0	0	2	5	0	0		
09:00	1		0	U	1	7	0	U	2	3	0	U		
09:15	0		0		0		0		0		0			
09:30	0		0	_	1	_	0	_	1		0	_		
09:45	0	1	0	0	1	3	0	0	1	4	0	0		
10:00	0		0		0		0		0		0			
10:15	1		0		1		0		2		0			
10:30	1		0		1		0		2		0			
10:45	7	9	0	0	1	3	0	0	8	12	0	0		
11:00	0		0		1		0		1		0			
11:15	0		0		0		0		0		0			
11:30	0		Ö		1		Ö		1		Ö			
11:45	3	3	Ō	0	1	3	0	0	4	6	0	0		
Total	14		16		14		7		28		23			_
Percent	50.0%		69.6%		50.0%		30.4%		20		25			
Day Total		30				21				51				
Peak	10:00	_	01:15	_	08:15	_	12:00	_	10:15	_	01:15	_	_	
Vol.	9	_	7	_	5	_	3	-	10:15 13	_	8	_	_	
P.H.F.	0.321	_	0.583	_	0.625	_	0.375	_	0.406	_	0.667	_		
F.17.F.	0.321		0.565		0.023		0.375		0.400		0.007			

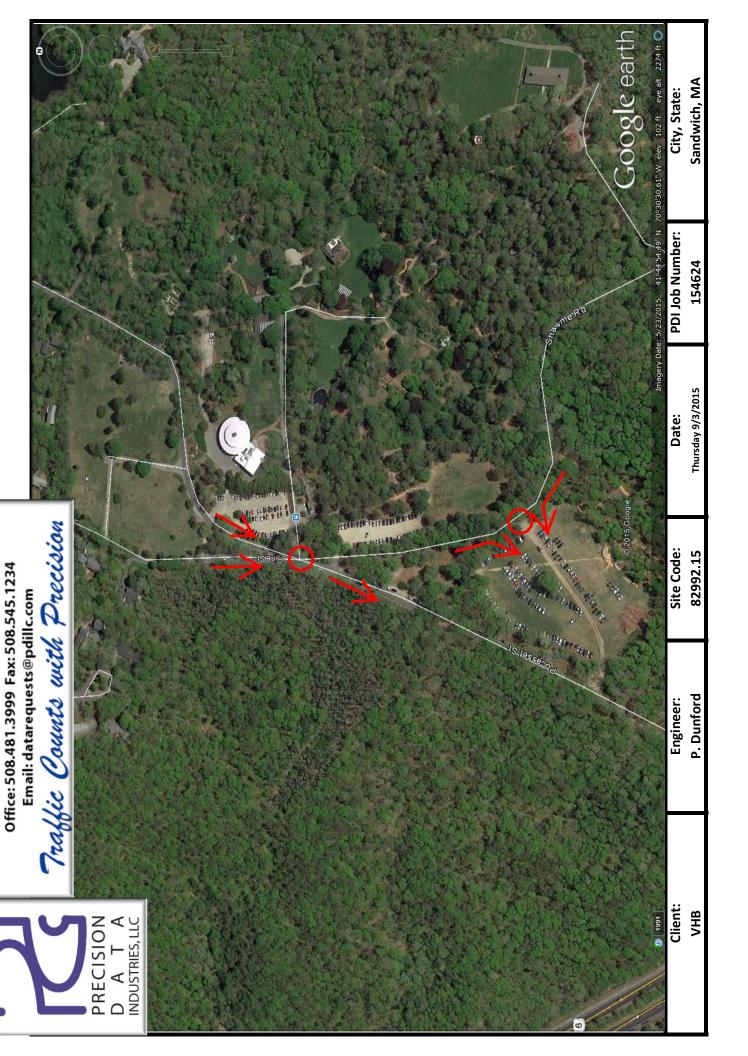


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Start		WB				EB				Combin			29-Aug-	
		VVD	5.4			ED	5.4			ed	D.1.1		15	
Time	A.M. 0		P.M. 1		A.M.		P.M. 0		A.M. 0		P.M. 1		Sat	
12:00					0						-			
12:15	0		0		0		0		0		0			
12:30	0		0		0		0		0		0			
12:45	0	0	0	1	0	0	1	1	0	0	1	2		
01:00	0		1		0		0		0		1			
01:15	0		0		0		1		0		1			
01:30	0		0		0		0		0		0			
01:45	0	0	1	2	0	0	1	2	0	0	2	4		
02:00	0		1		0		0		0		1			
02:15	0		0		0		0		0		0			
02:30	0		0		0		0		0		Ö			
02:45	0	0	0	1	0	0	1	1	0	0	1	2		
		U		1		U		1		U		2		
03:00	0		0		0		1		0		1			
03:15	0		0		0		1		0		1			
03:30	0		0		0		0		0		0			
03:45	0	0	0	0	0	0	0	2	0	0	0	2		
04:00	0		1		0		0		0		1			
04:15	0		1		0		1		0		2			
04:30	Ö		0		0		0		Ö		0			
04:45	0	0	2	4	0	0	1	2	0	0	3	6		
04.45		U	0	4		U	1	2	0	U		O		
05:00	0				0		=				1			
05:15	0		0		0		0		0		0			
05:30	0		0		0		0		0		0			
05:45	0	0	0	0	0	0	0	1	0	0	0	1		
06:00	0		2		0		0		0		2			
06:15	0		0		0		0		0		0			
06:30	0		0		0		0		0		0			
06:45	0	0	Ö	2	Ö	0	Ö	0	Ö	0	Ö	2		
07:00	0	O	0	_	0	O	1	O	0	U	1	_		
07:00	0						-				-			
			2		0		0		0		2			
07:30	0		0		2		0		2		0			
07:45	0	0	0	2	0	2	0	1	0	2	0	3		
08:00	1		0		0		0		1		0			
08:15	0		0		1		0		1		0			
08:30	0		0		1		0		1		0			
08:45	0	1	0	0	0	2	0	0	0	3	0	0		
09:00	0	•	Ö	·	Ö	_	Ö	ŭ	Ö	•	Ö	ŭ		
09:00	0		0		0		0		0		0			
09:30	0	^	0	_	0		0	_	0		0	•		
09:45	0	0	0	0	1	1	0	0	1	1	0	0		
10:00	0		0		1		0		1		0			
10:15	0		0		0		0		0		0			
10:30	0		0		0		0		0		0			
10:45	0	0	0	0	0	1	0	0	0	1	0	0		
11:00	Ō	-	0	-	0		0	-	Ö		Ö	-		
11:15	0		Õ		1		0		1		Ö			
11:30							0							
11.30	0	4	0	0	0	2		^	0 2	2	0	0		
11:45	1	11	0	0	1	2	0	0		3	0	0		
Total Percent	2 20.0%		12 54.5%		8 80.0%		10 45.5%		10		22			
Day Total		14				18				32				
Dook	07:15		04:00		07:30		03:30		07:20		04:00			
Peak	07:15	-	04:00	-		-	02:30	-	07:30	-	04:00	-	-	
	1	-	4	-	3	-	3	-	4	-	6	-	-	
Vol. P.H.F.	0.250		0.500		0.375		0.750		0.500		0.500			

Ref: 81787.19 April 23, 2019 Page 43

> Arrival Pattern Observations



PRECISION DATA INDUSTRIES, LLC

Pine Street @ Pocasset Street @ Grove Street PDI File# 154624 A

City, State: Sandwich, MA Enter into Directions Column

Client: VHB/ P. Dunford A = All Grove Street SB Approach
Client #: 82992.15 B = All Pine Street SB Approach
Date: Thursday 9/3/2015 C = All Pocasset SB vehicles

Time: 1pm-3pm ** Write down last 3 digits of plate

Time	Plate #	Direction	Time	Plate #	Direction	Time	Plate #	Direction	Time	Plate #	Direction
1:00 PM	-	-	2:45 PM	M46	В						
1:01 PM	Y60	Α	2:45 PM	665	В						
1:01 PM	582	Α	2:46 PM	JJ1	B, C						
1:02 PM	XOX	В	2:46 PM	253	Α						
1:02 PM	E99	В	2:48 PM	X82	В						
1:02 PM	511	В	2:49 PM	532	Α						
1:04 PM	VA6	В	2:50 PM	08P	Α						
1:06 PM	NM2	В	2:52 PM	601	Α						
1:08 PM	M39	В	2:52 PM	910	Α						
1:10 PM	869	В	2:57 PM	D52	В						
1:17 PM	284	Α	2:59 PM	SB5	Α						
1:18 PM	666	A, C									
1:18 PM	T36	B, C									
1:21 PM	389	Α									
1:23 PM	698	Α									
1:24 PM	962	Α									
1:26 PM	612	В									
1:28 PM	922	В									
1:28 PM	413	В									
1:31 PM	Z3E	В									
1:34 PM	201	В									
1:40 PM	DES	Α									
1:55 PM	896	Α									
1:59 PM	EMM	В									
2:00 PM	350	Α									
2:00 PM	A98	Α									
2:04 PM	G60	Α									
2:05 PM	867	Α									
2:06 PM	565	A, C									
2:08 PM	NY3	В									
2:10 PM	G92	Α									
2:10 PM	27H	В									
2:11 PM	E48	Α									
2:11 PM	564	В									
2:12 PM	Y78	Α									
2:13 PM	986	В									
2:30 PM	Z65	В									
2:39 PM	379	В									
2:41 PM	8RI	Α									
2:41 PM	284	Α									

Shawme Road @ Adventure Park Lot PDI File# 154624 B

City, State: Sandwich, MA

Client: VHB/ P. Dunford

Client #: 82992.15

Enter into Directions Column

SB = Right Turns into Lot

NB = Left Turns into Lot

Date: Thursday 9/3/2015

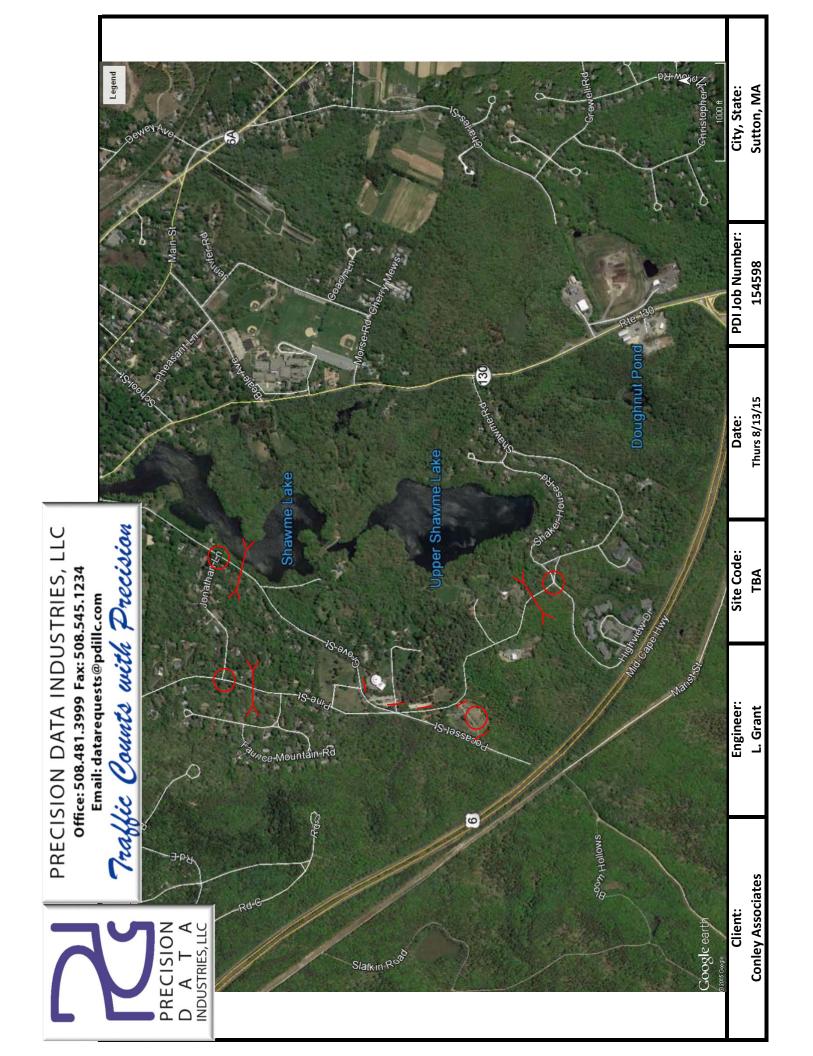
Time: 1pm-3pm

** Write down last 3 digits of plate

Time	Plate #	Direction									
1:02	582	SB									
1:02	XOX	SB									
1:03	511	SB									
1:07	NM2	SB									
1:09	M39	SB									
1:24	VA6	NB									
1:27	612	SB									
2:12	E48	SB									
2:43	284	SB									
2:47	WC8	NB									
2:48	253										
2:52	O8P	SB									

Ref: 81787.19 April 23, 2019 Page 44

> Turning Movement Counts



Ref: 81787.19 April 23, 2019 Page 45

o Pine Street at Jonathan Lane



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Site Code: 82992.15
Start Date: 8/27/2015

		Pine Street	<u> </u>	oups Printed- (Jonathan Lane			Pine Street		
		From North		•	From East			From South		
Start Time	Thru	Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
04:00 PM	6	0	0	0	0	0	0	10	0	16
04:15 PM	3	0	0	0	0	0	0	8	0	11
04:30 PM	6	0	0	5	0	0	0	6	0	17
04:45 PM	2	3	0	0	2	0	1	5	0	13
Total	17	3	0	5	2	0	1	29	0	57
05:00 PM	7	1	0	0	0	0	0	10	0	18
05:15 PM	6	0	0	1	0	0	1	7	0	15
05:30 PM	4	2	0	0	3	0	0	3	0	12
05:45 PM	1	1	0	2	0	3	0	6	0	13
Total	18	4	0	3	3	3	1	26	0	58
0 17.11	0.5	-	0	0	_	0			0	445
Grand Total	35	/	0	8	5	3	2	55	0	115
Apprch %	83.3	16.7	0	50	31.2	18.8	3.5	96.5	0	
Total %	30.4	6.1	0	7	4.3	2.6	1.7	47.8	0	
Cars	34	7	0	8	5	3	1	54	0	112
% Cars	97.1	100	0	100	100	100	50	98.2	0	97.4
Heavy Vehicles	1	0	0	0	0	0	1	1	0	3
% Heavy Vehicles	2.9	0	0	0	0	0	50	1.8	0	2.6

		Pine S	Street North			Jonatha From				Pine S			
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis From													
Peak Hour for Entire	e Intersection	on Begins	at 04:30 F	PM									
04:30 PM	6	0	0	6	5	0	0	5	0	6	0	6	17
04:45 PM	2	3	0	5	0	2	0	2	1	5	0	6	13
05:00 PM	7	1	0	8	0	0	0	0	0	10	0	10	18
05:15 PM	6	0	0	6	1	0	0	1	1	7	0	8	15
Total Volume	21	4	0	25	6	2	0	8	2	28	0	30	63
% App. Total	84	16	0		75	25	0		6.7	93.3	0		
PHF	.750	.333	.000	.781	.300	.250	.000	.400	.500	.700	.000	.750	.875
Cars	20	4	0	24	6	2	0	8	1	28	0	29	61
% Cars	95.2	100	0	96.0	100	100	0	100	50.0	100	0	96.7	96.8
Heavy Vehicles	1	0	0	1	0	0	0	0	1	0	0	1	2
% Heavy Vehicles	4.8	0	0	4.0	0	0	0	0	50.0	0	0	3.3	3.2



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Site Code: 82992.15
Start Date: 8/27/2015

Page No : 1

Groups Printed- Cars

	Pine Street		Jo	onathan Lane			Pine Street		
	From North			From East			From South		
Thru	Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
6	0	0	0	0	0	0	9	0	15
3	0	0	0	0	0	0	8	0	11
5	0	0	5	0	0	0	6	0	16
2	3	0	0	2	0	0	5	0	12
16	3	0	5	2	0	0	28	0	54
7	1	0	0	0	0	0	10	0	18
6	0	0	1	Ö	0	1	7	o l	15
4	2	0	0	3	0	0	3	0	12
1	1	0	2	0	3	0	6	0	13
18	4	0	3	3	3	1	26	0	58
34 82.9	7 17.1 6.2	0 0	8 50 7.1	5 31.2	3 18.8	1 1.8	54 98.2	0 0	112
	6 3 5 2 16 7 6 4 1 18	From North Left	From North Thru Left U-Turn 6 0 0 3 0 0 5 0 0 2 3 0 16 3 0 7 1 0 6 0 0 4 2 0 1 1 0 18 4 0 34 7 0 82.9 17.1 0	From North Thru Left U-Turn Right 6 0 0 0 3 0 0 0 5 0 0 5 2 3 0 0 16 3 0 5 7 1 0 0 6 0 0 1 4 2 0 0 1 1 0 2 18 4 0 3 34 7 0 8 82.9 17.1 0 50	From North From East Thru Left U-Turn Right Left 6 0 0 0 0 3 0 0 0 0 5 0 0 5 0 2 3 0 0 2 16 3 0 5 2 7 1 0 0 0 0 6 0 0 1 0 0 4 2 0 0 3 3 1 1 0 2 0 18 4 0 3 3 34 7 0 8 5 82.9 17.1 0 50 31.2	From North From East Thru Left U-Turn Right Left U-Turn 6 0 0 0 0 0 3 0 0 0 0 0 5 0 0 5 0 0 2 3 0 0 2 0 16 3 0 5 2 0 7 1 0 0 0 0 0 6 0 0 1 0 0 0 4 2 0 0 3 0 0 1 1 0 2 0 3 3 18 4 0 3 3 3 34 7 0 8 5 3 82.9 17.1 0 50 31.2 18.8	From North From East Thru Left U-Turn Right Left U-Turn Right 6 0 0 0 0 0 0 0 3 0 <t< td=""><td>From North From East From South Thru Left U-Turn Right Left U-Turn Right Thru 6 0 0 0 0 0 0 9 3 0 0 0 0 0 0 8 5 0 0 0 0 0 6 2 3 0 0 2 0 0 5 16 3 0 5 2 0 0 28 7 1 0 0 0 0 0 10 28 7 1 0 0 0 0 0 1</td><td>From North From East From South Thru Left U-Turn Right U-Turn Right Thru U-Turn 6 0 0 0 0 0 9 0 3 0 0 0 0 0 0 8 0 5 0 0 5 0 0 0 6 0 2 3 0 0 2 0 0 5 0 16 3 0 5 2 0 0 28 0 7 1 0 0 0 0 1 7 0 4 2 0 0 3 0 0 3 0 1 1 0 2 0 3 0 6 0 4 2 0 3 3 1 26 0 34</td></t<>	From North From East From South Thru Left U-Turn Right Left U-Turn Right Thru 6 0 0 0 0 0 0 9 3 0 0 0 0 0 0 8 5 0 0 0 0 0 6 2 3 0 0 2 0 0 5 16 3 0 5 2 0 0 28 7 1 0 0 0 0 0 10 28 7 1 0 0 0 0 0 1	From North From East From South Thru Left U-Turn Right U-Turn Right Thru U-Turn 6 0 0 0 0 0 9 0 3 0 0 0 0 0 0 8 0 5 0 0 5 0 0 0 6 0 2 3 0 0 2 0 0 5 0 16 3 0 5 2 0 0 28 0 7 1 0 0 0 0 1 7 0 4 2 0 0 3 0 0 3 0 1 1 0 2 0 3 0 6 0 4 2 0 3 3 1 26 0 34

			Street North				an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis Fron													
Peak Hour for Entir	e Intersecti	on Begins	at 04:30	PM									
04:30 PM	5	0	0	5	5	0	0	5	0	6	0	6	16
04:45 PM	2	3	0	5	0	2	0	2	0	5	0	5	12
05:00 PM	7	1	0	8	0	0	0	0	0	10	0	10	18
05:15 PM	6	0	0	6	1	0	0	1	1	7	0	8	15
Total Volume	20	4	0	24	6	2	0	8	1	28	0	29	61
% App. Total	83.3	16.7	0		75	25	0		3.4	96.6	0		
PHF	.714	.333	.000	.750	.300	.250	.000	.400	.250	.700	.000	.725	.847



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 154611 A
Site Code: 82992.15
Start Date: 8/27/2015

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Groups Printed- Heavy Vehicles

		D: 0: :	1					D: 0		
		Pine Street			Jonathan Lane			Pine Street		
		From North			From East			From South		
Start Time	Thru	Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
04:00 PM	0	0	0	0	0	0	0	1	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	1	0	0	1
Total	1	0	0	0	0	0	1	1	0	3
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total Apprch %	1 100	0	0 0	0	0	0	1 50	1 50	0	3
Total %	33.3	0	0	0	0	0	33.3	33.3	0	

			Street North			Jonatha From	an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis Fron	n 04:00 PM to	05:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersection	on Begins	at 04:00	PM									
04:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	11
Total Volume	1	0	0	1	0	0	0	0	1	1	0	2	3
% App. Total	100	0	0		0	0	0		50	50	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.250	.250	.000	.500	.750



N/S: Pine Street E: Jonathan Lane

City, State: Sandwich, MA Client: VHB/ P. Dunford

05:45 PM

Grand Total

Apprch %

Total %

Total

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com Groups Printed- Peds and Bikes Jonathan Lane File Name: 154611 A Site Code: 82992.15 Start Date: 8/27/2015

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					Groups r	mileu- r eu	s and bikes						
		Pine S	treet			Jonatha	n Lane			Pine S	Street		
		From I	North			From	East			From	South		
Start Time	Thru	Left	Peds EB	Peds WB	Right	Left	Peds SB	Peds NB	Right	Thru	Peds WB	Peds EB	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	1

16.7

2 |

33.3

33.3

16.7

			Pine Stre From Nor				J	onathan L From Ea					Pine Stre From Sou			
Start Time	Thru	Left	Peds EB	Peds WB	App. Total	Right	Left	Peds SB	Peds NB	App. Total	Right	Thru	Peds WB	Peds EB	App. Total	Int. Total
Peak Hour Analysis From																
Peak Hour for Er	ntire Inte	rsection	Begins	at 05:00	PM											
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	2
Total Volume	0	0	0	0	0	0	1	2	2	5	0	0	0	0	0	5
% App. Total	0	0	0	0		0	20	40	40		0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.250	.500	.500	.625	.000	.000	.000	.000	.000	.625

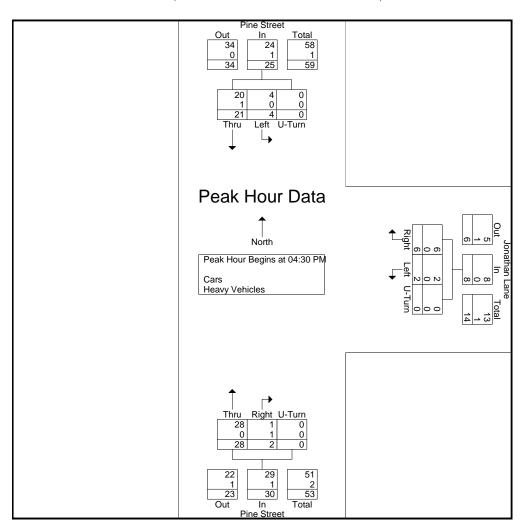
N/S: Pine Street E: Jonathan Lane

City, State: Sandwich, MA Client: VHB/ P. Dunford



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 154611 A Site Code: 82992.15 Start Date: 8/27/2015

			Street North				an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	n 04:00 PM to	05:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersecti	on Begin	s at 04:30	PM									
04:30 PM	6	0	0	6	5	0	0	5	0	6	0	6	17
04:45 PM	2	3	0	5	0	2	0	2	1	5	0	6	13
05:00 PM	7	1	0	8	0	0	0	0	0	10	0	10	18
05:15 PM	6	0	0	6	1	0	0	1	1	7	0	8	15
Total Volume	21	4	0	25	6	2	0	8	2	28	0	30	63
% App. Total	84	16	0		75	25	0		6.7	93.3	0		
PHF	.750	.333	.000	.781	.300	.250	.000	.400	.500	.700	.000	.750	.875
Cars	20	4	0	24	6	2	0	8	1	28	0	29	61
% Cars	95.2	100	0	96.0	100	100	0	100	50.0	100	0	96.7	96.8
Heavy Vehicles	1	0	0	1	0	0	0	0	1	0	0	1	2
% Heavy Vehicles	4.8	0	0	4.0	0	0	0	0	50.0	0	0	3.3	3.2





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				Elliali. Gatale	quests@pailic.com					
			G	roups Printed-	Cars - Heavy Ve	ehicles				
		Pine Street			Jonathan Lane			Pine Street		
		From North			From East			From South		
Start Tim		Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
11:00 Al	1	0	0	1	0	0	1	5	0	19
11:15 Al	M 11	0	0	0	0	0	0	7	0	18
11:30 Al	M 9	1	0	0	1	0	0	7	0	18
11:45 Al	M 9	1	0	0	0	0	0	6	0	16
Tota	al 41	2	0	1	1	0	1	25	0	71
12:00 PI	M 10	0	0	0	1	0	0	10	0	21
12:15 PI	M 13	0	0	1	2	0	0	7	0	23
12:30 PI	M 5	1	0	0	0	0	1	6	0	13
12:45 PI	M 12	0	0	0	1	0	0	12	0	25
Tota	al 40	1	0	1	4	0	1	35	0	82
Grand Total	al 81	3	0	2	5	0	2	60	0	153
Apprch 9	% 96.4	3.6	0	28.6	71.4	0	3.2	96.8	0	
Total 9		2	0	1.3	3.3	0	1.3	39.2	0	
Car	rs 81	3	0	2	4	0	2	59	0	151
% Car	rs 100	100	0	100	80	0	100	98.3	0	98.7
Heavy Vehicle		0	0	0	1	0	0	1	0	2
% Heavy Vehicle	es 0	0	0	0	20	0	0	1.7	0	1.3

			Street				an Lane				Street		
		From	North			From	East			From	South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	11:00 AM to	12:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersection	on Begins	s at 12:00 F	PM									
12:00 PM	10	0	0	10	0	1	0	1	0	10	0	10	21
12:15 PM	13	0	0	13	1	2	0	3	0	7	0	7	23
12:30 PM	5	1	0	6	0	0	0	0	1	6	0	7	13
12:45 PM	12	0	0	12	0	1	0	1	0	12	0	12	25
Total Volume	40	1	0	41	1	4	0	5	1	35	0	36	82
% App. Total	97.6	2.4	0		20	80	0		2.8	97.2	0		
PHF	.769	.250	.000	.788	.250	.500	.000	.417	.250	.729	.000	.750	.820
Cars	40	1	0	41	1	3	0	4	1	34	0	35	80
% Cars	100	100	0	100	100	75.0	0	80.0	100	97.1	0	97.2	97.6
Heavy Vehicles	0	0	0	0	0	1	0	1	0	1	0	1	2
% Heavy Vehicles	0	0	0	0	0	25.0	0	20.0	0	2.9	0	2.8	2.4



N/S: Pine Street E: Jonathan Lane

City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name : 154611 AA Site Code : 82992.15 Start Date : 8/29/2015

				Liliali. Gatalet	quests@punic.com					
				Groups	Printed- Cars					
		Pine Street		-	Jonathan Lane			Pine Street		
		From North			From East			From South		
Start Time	Thru	Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
11:00 AM	12	0	0	1	0	0	1	5	0	19
11:15 AM	11	0	0	0	0	0	0	7	0	18
11:30 AM	9	1	0	0	1	0	0	7	0	18
11:45 AM	9	1	0	0	0	0	0	6	0	16
Total	41	2	0	1	1	0	1	25	0	71
12:00 PM	10	0	0	0	0	0	0	9	0	19
12:15 PM	13	0	0	1	2	0	0	7	0	23
12:30 PM	5	1	0	0	0	0	1	6	0	13
12:45 PM	12	0	0	0	1	0	0	12	0	25
Total	40	1	0	1	3	0	1	34	0	80
Grand Total	81	3	0	2	4	0	2	59	0	151
Apprch %	96.4	3.6	0	33.3	66.7	0	3.3	96.7	0	
Total %	53.6	2	0	1.3	2.6	0	1.3	39.1	0	
		_	- 1			_			- 1	

			Street North				an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	11:00 AM to	12:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersection	on Begins	at 12:00	PM									
12:00 PM	10	0	0	10	0	0	0	0	0	9	0	9	19
12:15 PM	13	0	0	13	1	2	0	3	0	7	0	7	23
12:30 PM	5	1	0	6	0	0	0	0	1	6	0	7	13
12:45 PM	12	0	0	12	0	1	0	1	0	12	0	12	25
Total Volume	40	1	0	41	1	3	0	4	1	34	0	35	80
% App. Total	97.6	2.4	0		25	75	0		2.9	97.1	0		
PHF	.769	.250	.000	.788	.250	.375	.000	.333	.250	.708	.000	.729	.800



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Groups Printed- Heavy Vehicles

		Pine Street		•	Jonathan Lane			Pine Street		
		From North			From East			From South		
Start Time	Thru	Left	U-Turn	Right	Left	U-Turn	Right	Thru	U-Turn	Int. Total
11:00 AM	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	1	0	0	1	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	0	1	0	2
Grand Total	0	0	0	0	1	0	0	1	0	2
Apprch %	0	0	0	0	100	0	0	100	0	
Total %	0	0	0	0	50	0	0	50	0	

			Street North				an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis Fron	n 11:00 AM to	12:45 PM -	Peak 1 of 1									_	
Peak Hour for Entire	e Intersecti	ion Begins	s at 11:15	AM									
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	1	0	1	0	1	0	1	2
Total Volume	0	0	0	0	0	1	0	1	0	1	0	1	2
% App. Total	0	0	0		0	100	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.250	.000	.250	.250



N/S: Pine Street E: Jonathan Lane

City, State: Sandwich, MA Client: VHB/ P. Dunford

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					Liliali. ud	itaiequests@p	Julic.com						
					Groups P	rinted- Ped:	s and Bikes						
		Pine S	treet		•	Jonatha	n Lane			Pine S	Street		
		From N	North			From	East			From	South		
Start Time	Thru	Left	Peds EB	Peds WB	Right	Left	Peds SB	Peds NB	Right	Thru	Peds WB	Peds EB	Int. Total
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	2	0	0	0	0	0	0	0	0	0	0	0	2
12:15 PM	0	0	0	0	0	0	0	6	0	1	0	0	7
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	0	6	0	1	0	0	9
Grand Total	2	0	0	0	0	0	0	6	0	1	0	0	9
Apprch %	100	0	0	0	0	0	0	100	0	100	0	0	
Total %	22.2	0	0	0	0	0	0	66.7	0	11.1	0	0	

	Pine Street From North					Jonathan Lane From East					Pine Street From South					
Start Time	Thru	Left	Peds EB	Peds WB	App. Total	Right	Left	Peds SB	Peds NB	App. Total	Right	Thru	Peds WB	Peds EB	App. Total	Int. Total
Peak Hour Analysis From	eak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1															
Peak Hour for Entire Intersection Begins at 11:30 AM																
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
12:15 PM	0	0	0	0	0	0	0	0	6	6	0	1	0	0	1	7
Total Volume	2	0	0	0	2	0	0	0	6	6	0	1	0	0	1	9
% App. Total	100	0	0	0		0	0	0	100		0	100	0	0		
PHF	.250	.000	.000	.000	.250	.000	.000	.000	.250	.250	.000	.250	.000	.000	.250	.321

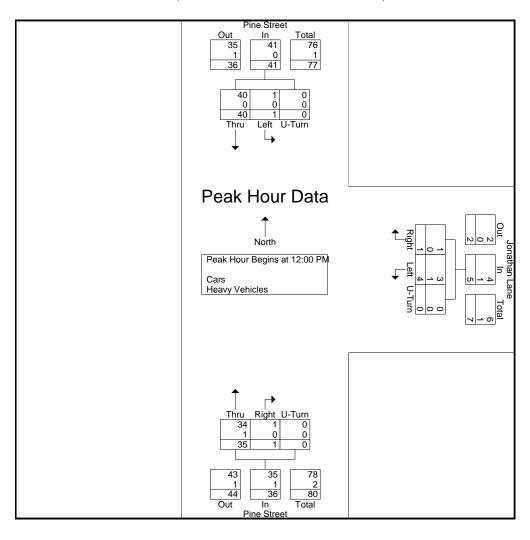
N/S: Pine Street E: Jonathan Lane

City, State: Sandwich, MA Client: VHB/ P. Dunford



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			Street North				an Lane East				Street South		
Start Time	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Right	Thru	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	11:00 AM to	12:45 PM -	Peak 1 of 1			•	•				•		<u>, </u>
Peak Hour for Entire	e Intersecti	ion Begins	s at 12:00	PM									
12:00 PM	10	0	0	10	0	1	0	1	0	10	0	10	21
12:15 PM	13	0	0	13	1	2	0	3	0	7	0	7	23
12:30 PM	5	1	0	6	0	0	0	0	1	6	0	7	13
12:45 PM	12	0	0	12	0	1	0	1	0	12	0	12	25
Total Volume	40	1	0	41	1	4	0	5	1	35	0	36	82
% App. Total	97.6	2.4	0		20	80	0		2.8	97.2	0		
PHF	.769	.250	.000	.788	.250	.500	.000	.417	.250	.729	.000	.750	.820
Cars	40	1	0	41	1	3	0	4	1	34	0	35	80
% Cars	100	100	0	100	100	75.0	0	80.0	100	97.1	0	97.2	97.6
Heavy Vehicles	0	0	0	0	0	1	0	1	0	1	0	1	2
% Heavy Vehicles	0	0	0	0	0	25.0	0	20.0	0	2.9	0	2.8	2.4



o Grove Street at Jonathan Lane



N/S: Grove Street W: Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 154611 B
Site Code: 82992.15
Start Date: 8/27/2015

Page No : 1

Groups Printed- Cars - Heavy Vehicles

		Grove Street			Grove Street			Jonathan Lane		
		From North			From South			From West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
04:00 PM	0	4	0	5	0	0	0	0	0	9
04:15 PM	1	2	0	4	1	0	0	0	0	8
04:30 PM	2	2	0	11	4	0	0	0	0	19
04:45 PM	2	3	0	12	0	0	1	2	0	20
Total	5	11	0	32	5	0	1	2	0	56
05:00 PM	3	0	0	11	0	0	0	0	0	14
05:15 PM	1	1	0	14	0	0	0	2	0	18
05:30 PM	2	0	0	4	0	0	0	0	0	6
05:45 PM	1	0	1	4	0	0	0	2	0	8
Total	7	1	1	33	0	0	0	4	0	46
Grand Total	12	12	1	65	5	0	1	6	0	102
Apprch %	48	48	4	92.9	7.1	0	14.3	85.7	0	
Total %	11.8	11.8	1	63.7	4.9	0	1	5.9	0	
Cars	12	12	1	64	5	0	1	5	0	100
% Cars	100	100	100	98.5	100	0	100	83.3	0	98
Heavy Vehicles	0	0	0	1	0	0	0	1	0	2
% Heavy Vehicles	0	0	0	1.5	0	0	0	16.7	0	2

		Grove	Street			Grove	Street				an Lane		
		From	North			From	South			From	West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	04:00 PM to	05:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersection	on Begins	at 04:30	PM									
04:30 PM	2	2	0	4	11	4	0	15	0	0	0	0	19
04:45 PM	2	3	0	5	12	0	0	12	1	2	0	3	20
05:00 PM	3	0	0	3	11	0	0	11	0	0	0	0	14
05:15 PM	1	1	0	2	14	0	0	14	0	2	0	2	18
Total Volume	8	6	0	14	48	4	0	52	1	4	0	5	71
% App. Total	57.1	42.9	0		92.3	7.7	0		20	80	0		
PHF	.667	.500	.000	.700	.857	.250	.000	.867	.250	.500	.000	.417	.888
Cars	8	6	0	14	48	4	0	52	1	3	0	4	70
% Cars	100	100	0	100	100	100	0	100	100	75.0	0	80.0	98.6
Heavy Vehicles	0	0	0	0	0	0	0	0	0	1	0	1	1
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	25.0	0	20.0	1.4



City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com Groups Printed- Cars File Name: 154611 B Site Code: 82992.15 Start Date: 8/27/2015

				Groups	Printed- Cars					
		Grove Street			Grove Street			Jonathan Lane		
		From North			From South			From West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
04:00 PM	0	4	0	4	0	0	0	0	0	8
04:15 PM	1	2	0	4	1	0	0	0	0	8
04:30 PM	2	2	0	11	4	0	0	0	0	19
04:45 PM	2	3	0	12	0	0	1	1	0	19
Total	5	11	0	31	5	0	1	1	0	54
05:00 PM	3	0	0	11	0	0	0	0	0	14
05:15 PM		1	0	14	0	0	0	2	0	18
05:30 PM	2	0	0	4	0	0	0	0	0	6
05:45 PM	1	0	1	4	0	0	0	2	0	8
Total	7	1	1	33	0	0	0	4	0	46
Grand Total		12	1	64	5	0	1	5	0	100
Apprch %	48	48	4	92.8	7.2	0	16.7	83.3	0	
Total %		12	1	64	5	0	1	5	0	

			Street North				Street South				an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	04:00 PM to	05:45 PM -	Peak 1 of 1			•							
Peak Hour for Entire	e Intersection	on Begins	s at 04:30	PM									
04:30 PM	2	2	0	4	11	4	0	15	0	0	0	0	19
04:45 PM	2	3	0	5	12	0	0	12	1	1	0	2	19
05:00 PM	3	0	0	3	11	0	0	11	0	0	0	0	14
05:15 PM	1	1	0	2	14	0	0	14	0	2	0	2	18
Total Volume	8	6	0	14	48	4	0	52	1	3	0	4	70
% App. Total	57.1	42.9	0		92.3	7.7	0		25	75	0		
PHF	.667	.500	.000	.700	.857	.250	.000	.867	.250	.375	.000	.500	.921



N/S: Grove Street W: Jonathan Lane City State: Sandwich N

City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O.Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com Groups Printed- Heavy Vehicles File Name: 154611 B Site Code: 82992.15 Start Date: 8/27/2015

	(Grove Street		Gr	ove Street		Jona	athan Lane		
	1	From North		Fr	om South		Fr	om West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
04:00 PM	0	0	0	1	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	1	0	1
Total	0	0	0	1	0	0	0	1	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	1	0	0	0	1	0	2
Apprch %	0	0	0	100	0	0	0	100	0	
Total %	0	0	0	50	0	0	0	50	0	

			Street North				Street South				an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	04:00 PM to 0	5:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersectio	n Begins	at 04:00	PM									
04:00 PM	0	0	0	0	1	0	0	1	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	1	0	0	1	0	1	0	1	2
% App. Total	0	0	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.000	.250	.000	.250	.500



City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 154611 B Site Code: 82992.15 Start Date: 8/27/2015

					Groups Pr	rinted- Ped	s and Bikes						
		Grove S				Grove				Jonatha			
		From N				From				From			
Start Time	Right	Thru	Peds EB	Peds WB	Thru	Left	Peds WB	Peds EB	Right	Left	Peds NB	Peds SB	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	1	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	100	0	0	0	0	0	0	0	0	0	0	0	
Total %	100	0	0	0	0	0	0	0	0	0	0	0	

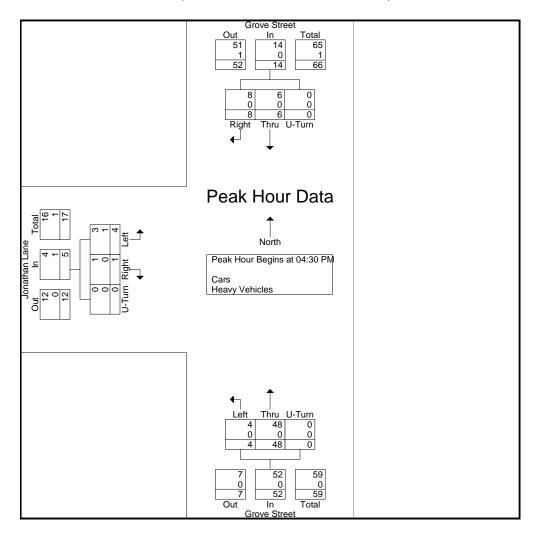
		_	Frove Stre					Grove Stre				J	onathan L From We			
Start Time	Right	Thru	Peds EB	Peds WB	App. Total	Thru	Left	Peds WB	Peds EB	App. Total	Right	Left	Peds NB	Peds SB	App. Total	Int. Total
Peak Hour Analysis From	04:00 PM to	05:45 PM -	Peak 1 of 1								•					
Peak Hour for Er	ntire Inter	section	Begins a	at 04:30	PM											
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Volume	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
% App. Total	100	0	0	0		0	0	0	0		0	0	0	0		
PHF	.250	.000	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

City, State: Sandwich, MA Client: VHB/ P. Dunford



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com File Name: 154611 B Site Code: 82992.15 Start Date: 8/27/2015

			Street North			Grove From					an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	n 04:00 PM to	05:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersecti	on Begin:	s at 04:30	PM									
04:30 PM	2	2	0	4	11	4	0	15	0	0	0	0	19
04:45 PM	2	3	0	5	12	0	0	12	1	2	0	3	20
05:00 PM	3	0	0	3	11	0	0	11	0	0	0	0	14
05:15 PM	1	1	0	2	14	0	0	14	0	2	0	2	18
Total Volume	8	6	0	14	48	4	0	52	1	4	0	5	71
% App. Total	57.1	42.9	0		92.3	7.7	0		20	80	0		
PHF	.667	.500	.000	.700	.857	.250	.000	.867	.250	.500	.000	.417	.888
Cars	8	6	0	14	48	4	0	52	1	3	0	4	70
% Cars	100	100	0	100	100	100	0	100	100	75.0	0	80.0	98.6
Heavy Vehicles	0	0	0	0	0	0	0	0	0	1	0	1	1
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	25.0	0	20.0	1.4





N/S: Grove Street W: Jonathan Lane City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com Groups Printed- Cars - Heavy Vehicles File Name : 154611 BB Site Code : 82992.15 Start Date : 8/29/2015

		Grove Street	Ī		Cars - Heavy Ve Grove Street			Jonathan Lane		
		From North			From South			From West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
11:00 AM	2	7	0	2	0	0	1	2	0	14
11:15 AM	1	15	0	6	0	0	0	0	0	22
11:30 AM	1	9	0	4	0	0	1	1	0	16
11:45 AM	1	13	0	4	0	0	1	0	0	19
Total	5	44	0	16	0	0	3	3	0	71
12:00 PM	1	7	0	10	0	0	0	0	0	18
12:15 PM	2	9	0	7	1	0	0	0	0	19
12:30 PM	1	7	0	8	0	0	1	2	0	19
12:45 PM	1	8	0	6	0	0	0	0	0	15
Total	5	31	0	31	1	0	1	2	0	71
Grand Total	10	75	0	47	1	0	4	5	0	142
Apprch %	11.8	88.2	0	97.9	2.1	0	44.4	55.6	0	
Total %	7	52.8	0	33.1	0.7	0	2.8	3.5	0	
Cars	9	72	0	45	1	0	4	5	0	136
% Cars	90	96	0	95.7	100	0	100	100	0	95.8
Heavy Vehicles	1	3	0	2	0	0	0	0	0	6
% Heavy Vehicles	10	4	0	4.3	0	0	0	0	0	4.2

			Street North			Grove From	South				an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From													
Peak Hour for Entire	e Intersection	on Begins	s at 11:15	AM									
11:15 AM	1	15	0	16	6	0	0	6	0	0	0	0	22
11:30 AM	1	9	0	10	4	0	0	4	1	1	0	2	16
11:45 AM	1	13	0	14	4	0	0	4	1	0	0	1	19
12:00 PM	1	7	0	8	10	0	0	10	0	0	0	0	18
Total Volume	4	44	0	48	24	0	0	24	2	1	0	3	75
% App. Total	8.3	91.7	0		100	0	0		66.7	33.3	0		
PHF	1.00	.733	.000	.750	.600	.000	.000	.600	.500	.250	.000	.375	.852
Cars	3	42	0	45	23	0	0	23	2	1	0	3	71
% Cars	75.0	95.5	0	93.8	95.8	0	0	95.8	100	100	0	100	94.7
Heavy Vehicles	1	2	0	3	1	0	0	1	0	0	0	0	4
% Heavy Vehicles	25.0	4.5	0	6.3	4.2	0	0	4.2	0	0	0	0	5.3



City, State: Sandwich, MA Client: VHB/ P. Dunford

12:45 PM

Total

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com **Groups Printed- Cars**

File Name: 154611 BB Site Code : 82992.15 Start Date : 8/29/2015

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				O. Oupo	i illitoa Galo					
		Grove Street			Grove Street			Jonathan Lane		
		From North			From South			From West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
11:00 AM	2	6	0	1	0	0	1	2	0	12
11:15 AM	1	15	0	6	0	0	0	0	0	22
11:30 AM	1	8	0	4	0	0	1	1	0	15
11:45 AM	1	13	0	4	0	0	1	0	0	19
Total	5	42	0	15	0	0	3	3	0	68
12:00 PM	0	6	0	9	0	0	0	0	0	15
12:15 PM	2	9	0	7	1	0	0	0	0	19
12:30 PM	1	7	0	8	0	0	1	2	0	19

Grand Total	9	72	0	45	1	0	4	5	0
Apprch %	11.1	88.9	0	97.8	2.2	0	44.4	55.6	0
Total %	6.6	52.9	0	33.1	0.7	0	2.9	3.7	0

		Grove From					Street South				an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	n 11:00 AM to	12:45 PM - F	Peak 1 of 1										
Peak Hour for Entire	e Intersection	on Begins	at 11:45	AM									
11:45 AM	1	13	0	14	4	0	0	4	1	0	0	1	19
12:00 PM	0	6	0	6	9	0	0	9	0	0	0	0	15
12:15 PM	2	9	0	11	7	1	0	8	0	0	0	0	19
12:30 PM	1	7	0	8	8	0	0	8	1	2	0	3	19
Total Volume	4	35	0	39	28	1	0	29	2	2	0	4	72
% App. Total	10.3	89.7	0		96.6	3.4	0		50	50	0		
PHF	.500	.673	.000	.696	.778	.250	.000	.806	.500	.250	.000	.333	.947



City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com **Groups Printed- Heavy Vehicles**

File Name: 154611 BB Site Code : 82992.15 Start Date : 8/29/2015

Page No : 1

		Grove Street From North			Grove Street From South		J	Ionathan Lane From West		
Start Time	Right	Thru	U-Turn	Thru	Left	U-Turn	Right	Left	U-Turn	Int. Total
11:00 AM	0	1	0	1	0	0	0	0	0	2
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	1	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	1	0	0	0	0	0	3
12:00 PM	1	1	0	1	0	0	0	0	0	3
12:15 PM	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	1	0	0	0	0	0	3
Grand Total Apprch %	1 25	3 75	0 0	2 100	0	0	0	0	0 0	6
Total %	16.7	50	0	33.3	0	0	0	0	0	

			Street North				Street South				an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From	11:00 AM to 1	2:45 PM -	Peak 1 of 1										
Peak Hour for Entire	e Intersection	n Begins	at 11:15	AM									
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	1	1	0	2	1	0	0	1	0	0	0	0	3
Total Volume	1	2	0	3	1	0	0	1	0	0	0	0	4
% App. Total	33.3	66.7	0		100	0	0		0	0	0		
PHF	.250	.500	.000	.375	.250	.000	.000	.250	.000	.000	.000	.000	.333



N/S: Grove Street W: Jonathan Lane City State: Sandwich 1

City, State: Sandwich, MA Client: VHB/ P. Dunford

P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com Groups Printed- Peds and Bikes File Name: 154611 BB Site Code: 82992.15 Start Date: 8/29/2015

		Grove	Street		•	Grove	Street			Jonatha	n Lane		
		From I				From				From \			
Start Time	Right	Thru	Peds EB	Peds WB	Thru	Left	Peds WB	Peds EB	Right	Left	Peds NB	Peds SB	Int. Total
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	1
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	1	1
Apprch %	0	0	0	0	0	0	0	0	0	0	0	100	
Total %	0	0	0	0	0	0	0	0	0	0	0	100	

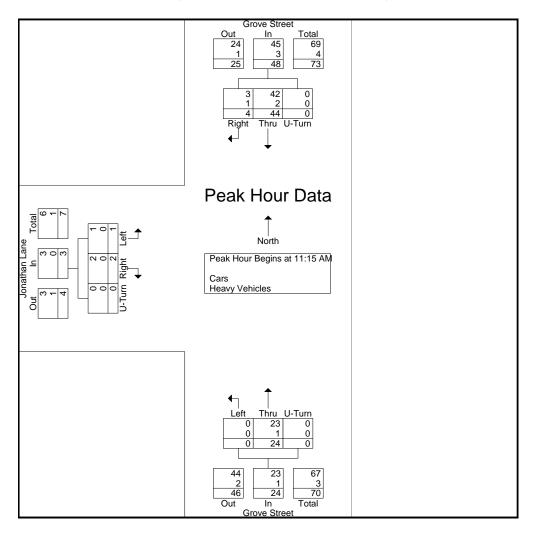
			Grove Stre					Grove Stre				J	onathan L From We			
Start Time	Right	Thru		Peds WB	App. Total	Thru	Left	Peds WB	Peds EB	App. Total	Right	Left	Peds NB	Peds SB	App. Total	Int. Total
Peak Hour Analysis From	11:00 AM to	12:45 PM -	Peak 1 of 1													
Peak Hour for Er	ntire Inter	rsection	Begins	at 11:00	AM											
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0	0		0	0	0	0		0	0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

City, State: Sandwich, MA Client: VHB/ P. Dunford



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			Street North			Grove From					an Lane West		
Start Time	Right	Thru	U-Turn	App. Total	Thru	Left	U-Turn	App. Total	Right	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis From													
Peak Hour for Entire	e Intersection	on Begins	at 11:15	AM									
11:15 AM	1	15	0	16	6	0	0	6	0	0	0	0	22
11:30 AM	1	9	0	10	4	0	0	4	1	1	0	2	16
11:45 AM	1	13	0	14	4	0	0	4	1	0	0	1	19
12:00 PM	1	7	0	8	10	0	0	10	0	0	0	0	18
Total Volume	4	44	0	48	24	0	0	24	2	1	0	3	75
% App. Total	8.3	91.7	0		100	0	0		66.7	33.3	0		
PHF	1.00	.733	.000	.750	.600	.000	.000	.600	.500	.250	.000	.375	.852
Cars	3	42	0	45	23	0	0	23	2	1	0	3	71
% Cars	75.0	95.5	0	93.8	95.8	0	0	95.8	100	100	0	100	94.7
Heavy Vehicles	1	2	0	3	1	0	0	1	0	0	0	0	4
% Heavy Vehicles	25.0	4.5	0	6.3	4.2	0	0	4.2	0	0	0	0	5.3



o Shawme Road at Highview Drive



Heavy Vehicles

% Heavy Vehicles

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0

12.5

12.5

								ed- Cars -	Heavy Ve	hicles							
		Shawme	Road			Highview	Drive			Shawme	Road			Highview	/ Drive		
		From No	orth			From E	ast			From S	South			From \	Vest		
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
04:00 PM	1	3	3	0	0	0	0	0	0	0	0	0	1	0	0	0	8
04:15 PM	0	1	0	0	1	4	0	0	0	1	0	0	0	0	0	0	7
04:30 PM	0	2	1	0	1	3	0	0	0	1	2	0	1	2	0	0	13
04:45 PM	0	3	0	0	3	1	0	0	0	0	1	0	4	3	1	0	16
Total	1	9	4	0	5	8	0	0	0	2	3	0	6	5	1	0	44
·				·												·	
05:00 PM	0	3	1	0	0	2	0	0	0	0	2	0	0	2	0	0	10
05:15 PM	0	4	0	0	0	3	0	1	1	1	1	0	0	0	0	0	11
05:30 PM	0	1	1	0	1	0	0	0	0	0	1	0	1	0	0	0	5
05:45 PM	0	1	0	0	0	2	0	0	0	0	1	0	1	0	0	0	5
Total	0	9	2	0	1	7	0	1	1	1	5	0	2	2	0	0	31
,																'	
Grand Total	1	18	6	0	6	15	0	1	1	3	8	0	8	7	1	0	75
Apprch %	4	72	24	0	27.3	68.2	0	4.5	8.3	25	66.7	0	50	43.8	6.2	0	
Total %	1.3	24	8	0	8	20	0	1.3	1.3	4	10.7	0	10.7	9.3	1.3	0	
Cars	1	18	6	0	6	15	0	1	0	3	7	0	7	7	1	0	72
% Cars	100	100	100	0	100	100	0	100	0	100	87.5	0	87.5	100	100	0	96

0

			awme R					hview I					awme F					hview I			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis						rtigiit	IIIIu	LOIL	O-Tuill	лрр. тогат	rugiii	11110	LOIL	O-Tuili	дрр. тогаг	rtigitt	IIIIu	LOIL	O-Tuill	дрр. тогаг	int. Potai
Peak Hour fo						30 PM															
04:30 PM	0	2	1	ŏ	3	1	3	0	0	4	0	1	2	0	3	1	2	0	0	3	13
04:45 PM	0	3	0	0	3	3	1	0	0	4	0	0	1	0	1	4	3	1	0	8	16
05:00 PM	0	3	1	0	4	0	2	0	0	2	0	0	2	0	2	0	2	0	0	2	10
05:15 PM	0	4	0	0	4	0	3	0	1	4	1	1	1	0	3	0	0	0	0	0	11
Total Volume	0	12	2	0	14	4	9	0	1	14	1	2	6	0	9	5	7	1	0	13	50
% App. Total	0	85.7	14.3	0		28.6	64.3	0	7.1		11.1	22.2	66.7	0		38.5	53.8	7.7	0		
PHF	.000	.750	.500	.000	.875	.333	.750	.000	.250	.875	.250	.500	.750	.000	.750	.313	.583	.250	.000	.406	.781
Cars	0	12	2	0	14	4	9	0	1	14	0	2	5	0	7	4	7	1	0	12	47
% Cars	0	100	100	0	100	100	100	0	100	100	0	100	83.3	0	77.8	80.0	100	100	0	92.3	94.0
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	0	0	0	1	3
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	100	0	16.7	0	22.2	20.0	0	0	0	7.7	6.0



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							Liliali. ua	tarequestse	pullic.com								
							Grou	ps Printe	d- Cars								
		Shawme	Road			Highview	Drive			Shawme	Road			Highview	Drive		
		From N	orth			From E	ast			From S	outh			From V	lest .		
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
04:00 PM	1	3	3	0	0	0	0	0	0	0	0	0	1	0	0	0	8
04:15 PM	0	1	0	0	1	4	0	0	0	1	0	0	0	0	0	0	7
04:30 PM	0	2	1	0	1	3	0	0	0	1	1	0	1	2	0	0	12
04:45 PM	0	3	0	0	3	1	0	0	0	0	1	0	3	3	1	0	15
Total	1	9	4	0	5	8	0	0	0	2	2	0	5	5	1	0	42
												·					
05:00 PM	0	3	1	0	0	2	0	0	0	0	2	0	0	2	0	0	10
05:15 PM	0	4	0	0	0	3	0	1	0	1	1	0	0	0	0	0	10
05:30 PM	0	1	1	0	1	0	0	0	0	0	1	0	1	0	0	0	5
05:45 PM	0	1	0	0	0	2	0	0	0	0	1	0	1	0	0	0	5
Total	0	9	2	0	1	7	0	1	0	1	5	0	2	2	0	0	30
				,												·	
Grand Total	1	18	6	0	6	15	0	1	0	3	7	0	7	7	1	0	72
Apprch %	4	72	24	0	27.3	68.2	0	4.5	0	30	70	0	46.7	46.7	6.7	0	
Total %	1.4	25	8.3	0	8.3	20.8	0	1.4	0	4.2	9.7	0	9.7	9.7	1.4	0	

			awme R					hview I rom Ea					awme F					hview I rom We			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis	From 04:	00 PM to	05:45 PM	- Peak 1	of 1																
Peak Hour fo	r Entir	e Inter	sectior	n Begir	ns at 04:	30 PM															
04:30 PM	0	2	1	0	3	1	3	0	0	4	0	1	1	0	2	1	2	0	0	3	12
04:45 PM	0	3	0	0	3	3	1	0	0	4	0	0	1	0	1	3	3	1	0	7	15
05:00 PM	0	3	1	0	4	0	2	0	0	2	0	0	2	0	2	0	2	0	0	2	10
05:15 PM	0	4	0	0	4	0	3	0	1	4	0	1	1	0	2	0	0	0	0	0	10
Total Volume	0	12	2	0	14	4	9	0	1	14	0	2	5	0	7	4	7	1	0	12	47
% App. Total	0	85.7	14.3	0		28.6	64.3	0	7.1		0	28.6	71.4	0		33.3	58.3	8.3	0		
PHF	.000	.750	.500	.000	.875	.333	.750	.000	.250	.875	.000	.500	.625	.000	.875	.333	.583	.250	.000	.429	.783



Total

Grand Total

Apprch %

Total %

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								mitcu- mc	avy verner	C 3							
		Shawme F	Road			Highview	Drive			Shawme	Road			Highview	Drive		
		From No	orth			From E	ast			From So	outh			From V	Vest		
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
05:00 PM	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	
	0	U	U	0	U	U	U	0	U	U	U	υļ	U	U	U	0	U
05:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

33.3

33.3

33.3

			awme R rom Noi				_	hview I rom Ea					awme For					hview I rom We			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis	From 04:0	00 PM to 0	5:45 PM	- Peak 1	of 1																
Peak Hour fo	r Entire	e Inters	section	ı Begir	ns at 04:	30 PM															
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	0	0	0	1	3
% App. Total	0	0	0	0		0	0	0	0		50	0	50	0		100	0	0	0		
DHE	000	000	000	000	000	000	000	000	000	000	250	000	250	000	500	250	000	000	000	250	750



Total %

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File Name: 154611 C Site Code : 82992.15 Start Date : 8/27/2015

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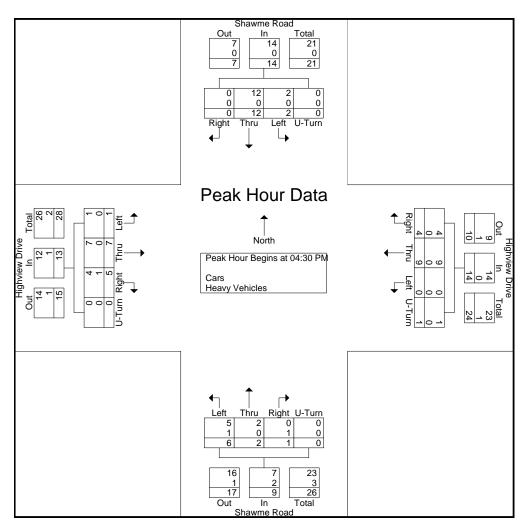
										turcquest	-										
										inted- P	eds and										_
			wme R					nview D					wme R					rview D			
		Fr	om Nor	th			<u>F</u>	rom Eas	st			Fre	om Sou	th			Fr	om We	st		
Start	Right	Thru	Left			Diaht	Thru	Left			Diabt	Thru	Left			Diaht	Thru	Left			Int. Tota
Time	Rigiti	IIIIu	Leit	Peds EB	Peds WB	Right	IIIIu	Leit	Peds SB	Peds NB	Right	IIIIu	Leit	Peds WB	Peds EB	Right	IIIIu	Leit	Peds NB	Peds SB	1111. 1018
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 (
05:15 PM	0	Ō	0	0	0	0	Ö	0	Ö	0	0	0	0	0	0	0	0	0	0	0	(
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
Grand Total	0	0	0	0	0	0	0	0	0	0	l 0	0	0	0	0	0	0	0	0	0	1
Apprch %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

			Shawn From	ne Roa North				I		ew Driv	re					ne Roa South				ı		ew Driv n West	re		
Start Time	Right	Thru	Left	Peds EB	Peds WB	App. Total	Right	Thru	Left	Peds SB	Peds NB	App. Total	Right	Thru	Left	Peds WB	Peds EB	App. Total	Right	Thru	Left	Peds NB	Peds SB	App. Total	Int. Total
Peak Hour An	alysis F	rom 04	:00 PM	to 05:4	45 PM -	Peak 1	of 1										•								
Peak Hour	for E	ntire I	nterse	ection	Begir	ns at 04	1:00 F	PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



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			awme R rom No					hview [rom Ea					awme F					hview I rom We			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis																					
Peak Hour fo	or Entire	e Inters	sectior	n Begir	ns at 04:	:30 PM															
04:30 PM	0	2	1	0	3	1	3	0	0	4	0	1	2	0	3	1	2	0	0	3	13
04:45 PM	0	3	0	0	3	3	1	0	0	4	0	0	1	0	1	4	3	1	0	8	16
05:00 PM	0	3	1	0	4	0	2	0	0	2	0	0	2	0	2	0	2	0	0	2	10
05:15 PM	0	4	0	0	4	0	3	0	1	4	1	1	1	0	3	0	0	0	0	0	11
Total Volume	0	12	2	0	14	4	9	0	1	14	1	2	6	0	9	5	7	1	0	13	50
% App. Total	0	85.7	14.3	0		28.6	64.3	0	7.1		11.1	22.2	66.7	0		38.5	53.8	7.7	0		
PHF	.000	.750	.500	.000	.875	.333	.750	.000	.250	.875	.250	.500	.750	.000	.750	.313	.583	.250	.000	.406	.781
Cars	0	12	2	0	14	4	9	0	1	14	0	2	5	0	7	4	7	1	0	12	47
% Cars	0	100	100	0	100	100	100	0	100	100	0	100	83.3	0	77.8	80.0	100	100	0	92.3	94.0
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	0	0	0	1	3
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	100	0	16.7	0	22.2	20.0	0	0	0	7.7	6.0





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								ed- Cars -	Heavy Vel								
		Shawme				Highview				Pine S				Highviev			
		From N				From E				From S				From \			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
11:00 AM	0	1	0	0	3	2	1	0	0	0	2	0	1	1	0	0	11
11:15 AM	1	1	0	0	4	1	0	0	0	0	0	0	0	3	1	0	11
11:30 AM	1	0	0	0	2	1	0	0	0	1	0	0	0	3	1	0	9
11:45 AM	0	0	0	0	0	3	0	0	0	1	1	0	1	1	0	0	7
Total	2	2	0	0	9	7	1	0	0	2	3	0	2	8	2	0	38
·												·					
12:00 PM	0	0	1	0	0	2	0	0	0	1	3	0	0	1	1	0	9
12:15 PM	2	1	0	0	0	1	0	0	0	1	0	0	0	2	0	0	7
12:30 PM	0	0	0	0	0	1	0	0	0	1	2	0	1	1	1	0	7
12:45 PM	0	2	0	0	1	2	0	0	0	1	1	0	1	4	0	0	12
Total	2	3	1	0	1	6	0	0	0	4	6	0	2	8	2	0	35
·				,												·	
Grand Total	4	5	1	0	10	13	1	0	0	6	9	0	4	16	4	0	73
Apprch %	40	50	10	0	41.7	54.2	4.2	0	0	40	60	0	16.7	66.7	16.7	0	
Total %	5.5	6.8	1.4	0	13.7	17.8	1.4	0	0	8.2	12.3	0	5.5	21.9	5.5	0	
Cars	4	5	1	0	10	13	1	0	0	6	9	0	4	16	4	0	73
% Cars	100	100	100	0	100	100	100	0	0	100	100	0	100	100	100	0	100
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			awme R					hview [rom Ea					ine Stre					hview I rom We			
Start Time		Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis																					
Peak Hour fo	or Entire	e Inters	sectior	n Begir	ns at 11:	:00 AM															
11:00 AM	0	1	0	0	1	3	2	1	0	6	0	0	2	0	2	1	1	0	0	2	11
11:15 AM	1	1	0	0	2	4	1	0	0	5	0	0	0	0	0	0	3	1	0	4	11
11:30 AM	1	0	0	0	1	2	1	0	0	3	0	1	0	0	1	0	3	1	0	4	9
11:45 AM	0	0	0	0	0	0	3	0	0	3	0	1	1	0	2	1	1	0	0	2	7
Total Volume	2	2	0	0	4	9	7	1	0	17	0	2	3	0	5	2	8	2	0	12	38
% App. Total	50	50	0	0		52.9	41.2	5.9	0		0	40	60	0		16.7	66.7	16.7	0		
PHF	.500	.500	.000	.000	.500	.563	.583	.250	.000	.708	.000	.500	.375	.000	.625	.500	.667	.500	.000	.750	.864
Cars	2	2	0	0	4	9	7	1	0	17	0	2	3	0	5	2	8	2	0	12	38
% Cars	100	100	0	0	100	100	100	100	0	100	0	100	100	0	100	100	100	100	0	100	100
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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								ıps Printe	d- Cars								
		Shawme	Road			Highview	Drive			Pine S	treet			Highviev			
		From No				From E				From S				From \			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
11:00 AM	0	1	0	0	3	2	1	0	0	0	2	0	1	1	0	0	11
11:15 AM	1	1	0	0	4	1	0	0	0	0	0	0	0	3	1	0	11
11:30 AM	1	0	0	0	2	1	0	0	0	1	0	0	0	3	1	0	9
11:45 AM	0	0	0	0	0	3	0	0	0	1	1	0	1	1	0	0	7
Total	2	2	0	0	9	7	1	0	0	2	3	0	2	8	2	0	38
12:00 PM	0	0	1	0	0	2	0	0	0	1	3	0	0	1	1	0	9
12:15 PM	2	1	0	0	0	1	0	0	0	1	0	0	0	2	0	0	7
12:30 PM	0	0	0	0	0	1	0	0	0	1	2	0	1	1	1	0	7
12:45 PM	0	2	0	0	1	2	0	0	0	1	1	0	1	4	0	0	12
Total	2	3	1	0	1	6	0	0	0	4	6	0	2	8	2	0	35
Grand Total	4	5	1	0	10	13	1	0	0	6	9	0	4	16	4	0	73
Apprch %	40	50	10	0	41.7	54.2	4.2	0	0	40	60	0	16.7	66.7	16.7	0	
Total %	5.5	6.8	1.4	0	13.7	17.8	1.4	0	0	8.2	12.3	0	5.5	21.9	5.5	0	

			awme R					hview I rom Ea				-	ine Stre					hview I rom We			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis	From 11:	00 AM to	12:45 PM	- Peak 1	of 1																
Peak Hour fo	r Entir	e Inter	sectior	n Begir	ns at 11:	:00 AM															
11:00 AM	0	1	0	0	1	3	2	1	0	6	0	0	2	0	2	1	1	0	0	2	11
11:15 AM	1	1	0	0	2	4	1	0	0	5	0	0	0	0	0	0	3	1	0	4	11
11:30 AM	1	0	0	0	1	2	1	0	0	3	0	1	0	0	1	0	3	1	0	4	9
11:45 AM	0	0	0	0	0	0	3	0	0	3	0	1	1	0	2	1	1	0	0	2	7
Total Volume	2	2	0	0	4	9	7	1	0	17	0	2	3	0	5	2	8	2	0	12	38
% App. Total	50	50	0	0		52.9	41.2	5.9	0		0	40	60	0		16.7	66.7	16.7	0		
PHF	.500	.500	.000	.000	.500	.563	.583	.250	.000	.708	.000	.500	.375	.000	.625	.500	.667	.500	.000	.750	.864



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Groups	Printed-	Heavy	Vehicles

		Shawme I	Road			Highview	Drive			Pine Str				Highview			
		From No	orth			From E	ast			From Sc	outh			From W	est		
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Int. Total
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
 12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total %								ĺ									

			awme R					hview [rom Ea					ine Stro					hview I rom We			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis	From 11:0	00 AM to	12:45 PM	- Peak 1	of 1																
Peak Hour fo	r Entire	e Inter	sectior	n Begir	ns at 11:	00 AM															
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



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Groups	Printed-	Peds	and	Bikes

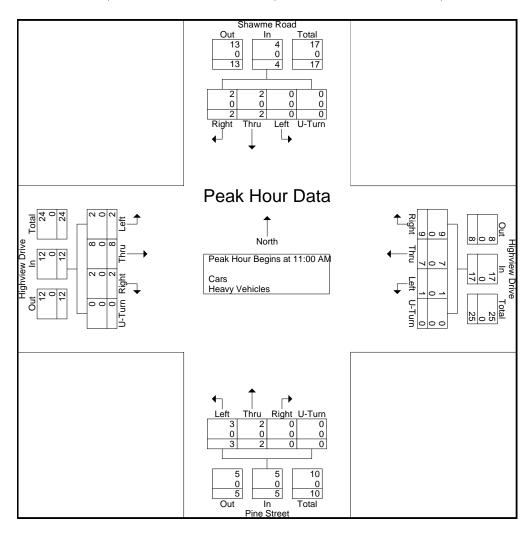
			awme Rome Nor					hview D rom Eas					ine Stre om Sou					nview D rom We:			
Start Time	Right	Thru	Left	Peds EB	Peds WB	Right	Thru	Left	Peds SB	Peds NB	Right	Thru	Left	Peds WB	Peds EB	Right	Thru	Left	Peds NB	Peds SB	Int. Total
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12:00 PM	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3
Grand Total Apprch % Total %	0 0	0 0 0	2 100 50	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 100 25	0	0 0 0	0 0 0	0	0	0 0 0	0 0 0	1 100 25	4

			Shawn From	ne Roa North						ew Driv	re .					Street South				ı		ew Driv n West	re		
Start Time	Right	Thru	Left	Peds EB	Peds WB	App. Total	Right	Thru	Left	Peds SB	Peds NB	App. Total	Right	Thru	Left	Peds WB	Peds EB	App. Total	Right	Thru	Left	Peds NB	Peds SB	App. Total	Int. Total
Peak Hour An	alysis F	rom 11	:00 AM	to 12:4	15 PM -	Peak 1	of 1				•						•						•		
Peak Hour	for E	ntire li	nterse	ection	Begir	ns at 1	1:15 <i>F</i>	λM																	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
12:00 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3
% App. Total	0	0	100	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	100		
PHF	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.375



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			awme R				_	hview [rom Ea					ine Stre					hview E			
Start Time	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Int. Total
Peak Hour Analysis																					
Peak Hour fo	or Entire	e Inter	sectior	n Begir	ns at 11:	:00 AM															
11:00 AM	0	1	0	0	1	3	2	1	0	6	0	0	2	0	2	1	1	0	0	2	11
11:15 AM	1	1	0	0	2	4	1	0	0	5	0	0	0	0	0	0	3	1	0	4	11
11:30 AM	1	0	0	0	1	2	1	0	0	3	0	1	0	0	1	0	3	1	0	4	9
11:45 AM	0	0	0	0	0	0	3	0	0	3	0	1	1	0	2	1	1	0	0	2	7
Total Volume	2	2	0	0	4	9	7	1	0	17	0	2	3	0	5	2	8	2	0	12	38
% App. Total	50	50	0	0		52.9	41.2	5.9	0		0	40	60	0		16.7	66.7	16.7	0		
PHF	.500	.500	.000	.000	.500	.563	.583	.250	.000	.708	.000	.500	.375	.000	.625	.500	.667	.500	.000	.750	.864
Cars	2	2	0	0	4	9	7	1	0	17	0	2	3	0	5	2	8	2	0	12	38
% Cars	100	100	0	0	100	100	100	100	0	100	0	100	100	0	100	100	100	100	0	100	100
Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



> Capacity Analysis

o Pine Street at Jonathan Lane

Intersection								
Int Delay, s/veh	2.3							
Movement	WBL	WBR			NBT	NBR	SBL	SBT
Vol, veh/h	2	6			28	2	4	21
Conflicting Peds, #/hr	1	1			0	1	1	0
Sign Control	Stop	Stop			Free	Free	Free	Free
RT Channelized	-	None			-	None	-	None
Storage Length	0	-			-	-	-	-
Veh in Median Storage, #	0	-			0	-	-	0
Grade, %	0	-			0	-	-	0
Peak Hour Factor	40	40			75	75	78	78
Heavy Vehicles, %	0	0			0	50	0	5
Mvmt Flow	5	15			37	3	5	27
Major/Minor	Minor1			N	/lajor1		Major2	
Conflicting Flow All	77	41			0	0	41	0
Stage 1	40	- -			-	-	-	-
Stage 2	37	-			-	-	_	-
Critical Hdwy	6.4	6.2			-	-	4.1	-
Critical Hdwy Stg 1	5.4	-			-	-	-	-
Critical Hdwy Stg 2	5.4	-			-	-	-	-
Follow-up Hdwy	3.5	3.3			-	-	2.2	-
Pot Cap-1 Maneuver	931	1036			-	-	1581	-
Stage 1	988	-			-	-	-	-
Stage 2	991	-			-	-	-	-
Platoon blocked, %					-	-		-
Mov Cap-1 Maneuver	927	1034			-	-	1580	-
Mov Cap-2 Maneuver	927				-	-	-	-
Stage 1	987	-			-	-	-	-
Stage 2	987	-			-	-	-	-
<u> </u>								
Approach	WB				NB		SB	
HCM Control Delay, s	8.7				0		1.2	
HCM LOS	A				-			
Minor Lane/Major Mvmt	NBT	NBR WBLn1	SBL	SBT				
Capacity (veh/h)	-	- 1005	1580	-				
HCM Lane V/C Ratio	-	- 0.02	0.003	_				
HCM Control Delay (s)	-	- 8.7	7.3	0				
HCM Lane LOS	_	- A	7.5 A	A				
HCM 95th %tile Q(veh)		- 0.1	0	-				

Intersection								
Int Delay, s/veh	1.1							
Movement	WBL	WBR			NBT	NBR	SBL	SBT
Vol, veh/h	4	1			35	1	1	40
Conflicting Peds, #/hr	6	6			0	6	6	0
Sign Control	Stop	Stop			Free	Free	Free	Free
RT Channelized	-	None			-	None	-	None
Storage Length	0	-			-	-	-	-
Veh in Median Storage, #	0	-			0	-	-	0
Grade, %	0	-			0	-	-	0
Peak Hour Factor	42	42			75	75	79	79
Heavy Vehicles, %	25	0			3	0	0	0
Mvmt Flow	10	2			47	1	1	51
Major/Minor	Minor1			M	ajor1		Major2	
Conflicting Flow All	106	59			0	0	54	0
Stage 1	53	-			-	-	-	-
Stage 2	53	-			-	-	-	-
Critical Hdwy	6.65	6.2			-	-	4.1	-
Critical Hdwy Stg 1	5.65	-			-	-	-	-
Critical Hdwy Stg 2	5.65	-			-	-	-	-
Follow-up Hdwy	3.725	3.3			-	-	2.2	-
Pot Cap-1 Maneuver	839	1012			-	-	1564	-
Stage 1	914	-			-	-	-	-
Stage 2	914	-			-	-	-	-
Platoon blocked, %					-	-		-
Mov Cap-1 Maneuver	830	1002			-	-	1556	-
Mov Cap-2 Maneuver	830	-			-	-	-	-
Stage 1	909	-			-	-	-	-
Stage 2	909	-			-	-	-	-
<u> </u>								
Approach	WB				NB		SB	
HCM Control Delay, s	9.2				0		0.2	
HCM LOS	А							
Minor Lane/Major Mvmt	NBT	NBR WBLn1	SBL	SBT				
Capacity (veh/h)	-	- 860	1556	-				
HCM Lane V/C Ratio	-	- 0.014	0.001	-				
HCM Control Delay (s)	-	- 9.2	7.3	0				
HCM Lane LOS	-	- A	Α	Α				
HCM 95th %tile Q(veh)	-	- 0	0	-				

o Grove Street at Jonathan Lane

Intersection								
Int Delay, s/veh	1.6							
J .								
Movement	EBL		EBR		NBL	NBT	SBT	SBR
Vol, veh/h	4		1		4	48	6	8
Conflicting Peds, #/hr	0		0		0	0	0	0
Sign Control	Stop		Stop		Free	Free	Free	Free
RT Channelized	-		None		-	None	-	None
Storage Length	0		-		-	-	-	-
Veh in Median Storage, #	0		-		-	0	0	-
Grade, %	0		-		-	0	0	-
Peak Hour Factor	42		42		87	87	70	70
Heavy Vehicles, %	25		0		0	0	0	0
Mvmt Flow	10		2		5	55	9	11
Major/Minor	Minor2				Major1		Major2	
Conflicting Flow All	78		14		20	0	-	0
Stage 1	14		_		-	-	-	-
Stage 2	64		-		-	-	-	_
Critical Hdwy	6.65		6.2		4.1	-	-	-
Critical Hdwy Stg 1	5.65		-		-	-	-	-
Critical Hdwy Stg 2	5.65		-		-	-	-	-
Follow-up Hdwy	3.725		3.3		2.2	-	-	-
Pot Cap-1 Maneuver	871		1072		1609	-	-	-
Stage 1	952		-		-	-	-	-
Stage 2	903		-		-	-	-	-
Platoon blocked, %						-	-	-
Mov Cap-1 Maneuver	868		1072		1609	-	-	-
Mov Cap-2 Maneuver	868		-		-	-	-	-
Stage 1	952		-		-	-	-	-
Stage 2	900		-		-	-	-	-
-								
Approach	EB				NB		SB	
HCM Control Delay, s	9				0.6		0	
HCM LOS	Α							
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR			
Capacity (veh/h)	1609	-	902	-	-			
HCM Lane V/C Ratio	0.003	-	0.013	-	-			
HCM Control Delay (s)	7.2	0	9	-	-			
HCM Lane LOS	А	Α	Α	-	-			
HCM 95th %tile Q(veh)	0	-	0	-	-			

Int Delay, sixeh							
Movement	Intersection						
Movement	Int Delay, s/veh	0.6					
Vol, vehith 1 2 0 24 44 4 Conflicting Peds, #hr 1 1 1 1 0 0 1 Sign Control Stop Stop Stop Free							
Vol, vehith 1 2 0 24 44 4 Conflicting Peds, #hr 1 1 1 1 0 0 1 Sign Control Stop Stop Stop Free	Movement	FRI	FRR	NRI	NBT	SRT	SBR
Conflicting Peds, #/hr 1 1 1 0 0 0 1 1 Sign Control Stop Stop Free Free Free Free Free Free Free Fre							
Sign Control Stop Stop Free E A Veh In Maiota 0 0 0 0 0 0 0 0 0 0 0 0 0 <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>•</td>		•					•
RT Channelized - None - None Storage Length 0		Stop					Free
Veh in Median Storage, # 0 - - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 0 - 0 0 0 0 75 </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
Grade, % 0 - - 0 0 - 75 20 20 20 20<		0		-		-	-
Grade, % 0 - - 0 0 - 75<		0	-	-	0	0	-
Heavy Vehicles, % 0 0 0 0 4 5 25		0	-	-	0	0	-
Major/Minor Minor2 Major1 Major2 Major3 Major4 Major5 Major6 Major6 Major7 Major7 Major8 Major8 Major9 Major	Peak Hour Factor	38	38	60	60	75	75
Major/Minor Minor2 Major1 Major2	Heavy Vehicles, %	0	0	0		5	25
Conflicting Flow All 102 63 65 0 - 0	Mvmt Flow	3	5	0	40	59	5
Conflicting Flow All 102 63 65 0 - 0 Stage 1 62 - - - - - Stage 2 40 - - - - Critical Hdwy 6.4 6.2 4.1 - - Critical Hdwy Stg 1 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 901 1007 1550 - - Stage 1 966 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 965 - - - Stage 1 965 - - - Stage 1 965 - - - Stage 2 987 - - - Stage 2 987 - - - Stage 2 987 - - - Follow-up Hdwy 967 - Follow-u							
Conflicting Flow All 102 63 65 0 - 0 Stage 1 62 - - - - - Stage 2 40 - - - - Critical Hdwy 6.4 6.2 4.1 - - Critical Hdwy Stg 1 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Critical Hdwy Stg 2 5.4 - - - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 3.5 3.3 2.2 - Follow-up Hdwy 901 1007 1550 - - Stage 1 966 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 901 1007 1550 - Stage 2 988 - - - Stage 2 988 - - - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 999 1005 1549 - Follow-up Hdwy 965 - - - Stage 1 965 - - - Stage 1 965 - - - Stage 2 987 - - - Stage 2 987 - - - Stage 2 987 - - - Follow-up Hdwy 967 - Follow-u	Maior/Minor	Minor2		Maior1		Maior2	
Stage 1 62 - - - - - -			63		0		0
Stage 2			-			-	-
Critical Hdwy 6.4 6.2 4.1 - - - Critical Hdwy Stg 1 5.4 - - - - - Critical Hdwy Stg 2 5.4 - - - - - Follow-up Hdwy 3.5 3.3 2.2 - - - Follow-up Hdwy 3.5 3.3 2.2 - - - - Pot Cap-1 Maneuver 901 1007 1550 - - - - Stage 1 966 - - - - - - - Stage 2 988 -		40	-	-	-	-	-
Critical Hdwy Stg 2 5.4 -		6.4	6.2	4.1	-	-	-
Follow-up Hdwy 3.5 3.3 2.2	Critical Hdwy Stg 1	5.4	-	-	-	-	-
Pot Cap-1 Maneuver 901 1007 1550 - </td <td>Critical Hdwy Stg 2</td> <td>5.4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Critical Hdwy Stg 2	5.4	-	-	-	-	-
Stage 1 966 -		3.5			-	-	-
Stage 2 988 -			1007	1550	-	-	-
Platoon blocked, %			-	-	-	-	-
Mov Cap-1 Maneuver 899 1005 1549 - </td <td></td> <td>988</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>		988	-	-	-	-	-
Mov Cap-2 Maneuver 899 -					-	-	-
Stage 1 965 -			1005	1549	-	-	-
Stage 2 987 -			-	-	-	-	-
Approach EB NB SB HCM Control Delay, s 8.8 0 0 HCM LOS A A O 0 Minor Lane/Major Mvmt NBL NBT EBLn1 SBR SBR Capacity (veh/h) 1549 - 967 - - - - HCM Lane V/C Ratio - <t< td=""><td></td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>			-	-	-	-	-
HCM Control Delay, s 8.8 0 0	Stage 2	987	-	-	-	-	-
HCM Control Delay, s 8.8 0 0							
Minor Lane/Major Mvmt NBL NBT EBLn1 SBR Capacity (veh/h) 1549 - 967 - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	Approach	EB		NB		SB	
Minor Lane/Major Mvmt NBL NBT EBLn1 SBR Capacity (veh/h) 1549 - 967 - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	HCM Control Delay, s	8.8		0		0	
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	HCM LOS	А					
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -							
Capacity (veh/h) 1549 - 967 - - HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -	Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT SBR			
HCM Lane V/C Ratio - - 0.008 - - HCM Control Delay (s) 0 - 8.8 - - HCM Lane LOS A - A - -							
HCM Control Delay (s) 0 - 8.8 HCM Lane LOS A - A							
HCM Lane LOS A - A		0					
HCM 95th %tile Q(veh) 0 - 0		А					
	HCM 95th %tile Q(veh)	0	- 0				

o Shawme Road at Highview Drive

Intersection										
Int Delay, s/veh	6.7									
Movement	EBL	EBT	EBR		WBL	WBT	WBR	NBL	NBT	NBR
Vol, veh/h	1	7	5		0	9	4	6	2	1
Conflicting Peds, #/hr	0	0	0		0	0	0	0	0	0
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None		-	-	None	-	-	None
Storage Length	-	-	-		-	-	-	-	-	-
Veh in Median Storage, #	-	0	-		-	0	-	-	0	-
Grade, %	-	0	-		-	0	-	-	0	-
Peak Hour Factor	41	41	41		88	88	88	75	75	75
Heavy Vehicles, %	0	0	20		0	0	0	17	0	100
Mvmt Flow	2	17	12		0	10	5	8	3	1
Major/Minor	Minor2				Minor1			Major1		
Conflicting Flow All	45	38	14		52	37	3	14	0	0
Stage 1	18	18	-		19	19	-	-	-	-
Stage 2	27	20	-		33	18	-	-	-	-
Critical Hdwy	7.1	6.5	6.4		7.1	6.5	6.2	4.27	-	-
Critical Hdwy Stg 1	6.1	5.5	-		6.1	5.5	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-		6.1	5.5	-	-	-	-
Follow-up Hdwy	3.5	4	3.48		3.5	4	3.3	2.353	-	-
Pot Cap-1 Maneuver	962	858	1016		952	859	1087	1512	-	-
Stage 1	1006	884	-		1005	884	-	-	-	-
Stage 2	996	883	-		988	884	-	-	-	-
Platoon blocked, %									-	-
Mov Cap-1 Maneuver	945	853	1016		922	854	1087	1512	-	-
Mov Cap-2 Maneuver	945	853	-		922	854	-	-	-	-
Stage 1	1001	883	-		1000	880	-	-	-	-
Stage 2	975	879	-		956	883	-	-	-	-
Approach	EB				WB			NB		
HCM Control Delay, s	9.1				9			4.9		
HCM LOS	А				А					
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)	1512	-	-	916	914	1631	-	-	<u> </u>	
HCM Lane V/C Ratio	0.005	-	-	0.035	0.016	0.001	-	-		
HCM Control Delay (s)	7.4	0	-	9.1	9	7.2	0	-		
HCM Lane LOS	А	А	-	Α	Α	Α	Α	-		
HCM 95th %tile Q(veh)	0	-	-	0.1	0	0	-	-		

Int Delay, s/veh			
in Dolay, 3/Von			
Movement	SBL	SBT	SBR
Vol, veh/h	2	12	0
Conflicting Peds, #/hr	0	0	0
Sign Control	Free	Free	Free
RT Channelized	-	-	None
Storage Length	_	_	-
Veh in Median Storage, #	_	0	_
Grade, %	_	0	-
Peak Hour Factor	88	88	88
Heavy Vehicles, %	0	0	0
Mvmt Flow	2	14	0
William I IOW	2	17	U
Major/Minor	Major2		
Conflicting Flow All	4	0	0
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	4.1	-	-
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	2.2	-	-
Pot Cap-1 Maneuver	1631	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	1631	-	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Approach	SB		
HCM Control Delay, s	1		
HCM LOS	<u>'</u>		
110111 200			

Intersection	7										
Int Delay, s/veh	1										
Movement	EBL	EBT	EBR		WBL	WBT	WBR	N	NBL	NBT	NBR
Vol, veh/h	2	8	2		1	7	9		3	2	C
Conflicting Peds, #/hr	1	0	1		0	0	0		1	0	C
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	F	ree	Free	Free
RT Channelized	-	-	None		-	-	None		-	-	None
Storage Length	-	-	-		-	-	-		-	-	
Veh in Median Storage, #	-	0	-		-	0	-		-	0	
Grade, %	-	0	-		-	0	-		-	0	
Peak Hour Factor	75	75	75		71	71	71		63	63	63
Heavy Vehicles, %	0	0	0		0	0	0		0	0	0
Mvmt Flow	3	11	3		1	10	13		5	3	0
Major/Minor	Minor2				Minor1			Ma	jor1		
Conflicting Flow All	31	20	8		27	22	4		9	0	0
Stage 1	7	7	-		13	13	-		-	-	-
Stage 2	24	13	-		14	9	-		-	-	-
Critical Hdwy	7.1	6.5	6.2		7.1	6.5	6.2		4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-		6.1	5.5	-		-	-	-
Critical Hdwy Stg 2	6.1	5.5	-		6.1	5.5	-		-	-	-
Follow-up Hdwy	3.5	4	3.3		3.5	4	3.3		2.2	-	-
Pot Cap-1 Maneuver	982	878	1080		988	876	1085	1	624	-	-
Stage 1	1020	894	-		1013	889	-		-	-	-
Stage 2	999	889	-		1011	892	-		-	-	-
Platoon blocked, %										-	-
Mov Cap-1 Maneuver	958	875	1078		973	873	1084	1	623	-	-
Mov Cap-2 Maneuver	958	875	-		973	873	-		-	-	-
Stage 1	1016	893	-		1010	886	-		-	-	-
Stage 2	973	886	-		996	891	-		-	-	-
Approach	EB				WB				NB		
HCM Control Delay, s	9				8.8				4.3		
HCM LOS	А				А						
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)	1623	-	NDIX	917	980	1631	-	- JDIN			
HCM Lane V/C Ratio	0.003	-	-	0.017	0.024	1031	-	<u>-</u>			
HCM Control Delay (s)	7.2	0	-	9	8.8	0	-	-			
HCM Lane LOS	7.2 A	A	-	A	Α	A	-	<u>-</u>			
HCM 95th %tile Q(veh)	0	- A	-	0.1	0.1	0	-	-			
HOW FOUT MUTE (VEH)	U	-	-	U. I	U. I	U	-	-			

Intersection			
Int Delay, s/veh			
,			
Movement	SBL	SBT	SBR
Vol, veh/h	0	2	2 2
Conflicting Peds, #/hr	0	0	1
Sign Control	Free	Free	Free
RT Channelized			None
	-	-	
Storage Length	-	-	-
Veh in Median Storage, #	-	0	-
Grade, %	-	0	-
Peak Hour Factor	50	50	50
Heavy Vehicles, %	0	0	0
Mvmt Flow	0	4	4
Major/Minor	Major2		
Conflicting Flow All	3	0	0
Stage 1	-	-	-
Stage 2	<u>-</u>		
Critical Hdwy	4.1	-	_
	4.1	-	-
Critical Hdwy Stg 1			
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	2.2	-	-
Pot Cap-1 Maneuver	1632	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	1631	-	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-
Approach	SB		
HCM Control Delay, s	0		
HCM LOS	0		
HOW LOO			
Minor Lane/Major Mvmt			

Parking Counts



P.O. Box 301 Berlin, MA 01503 Office: 508.481.3999 Fax: 508.545.1234 Email: datarequests@pdillc.com

Title Advanture Park Sandwich Parking Study

PDI Project # 154611 VHB Project 82992.15

Date:	Thursday 8/27/15	
<u>Time</u>	Total # Cars	Parked <u>Cars On Pocasset St near Entrance</u>
1:00 PM	48	0
1:30 PM	43	0
2:00 PM	36	0
2:30 PM	40	0
3:00 PM	33	0
3:30 PM	27	0
4:00 PM	27	0

Data:	Saturday 8/29/15
Date:	Saluruay 0/29/13

<u>Time</u>	Total # Cars	
1:00 AM	49	0
1:30 AM	47	0
2:00 AM	40	0
2:30 AM	31	0
3:00 AM	30	0
3:30 AM	31	0
4:00 AM	28	0